SEALTECH
Hydraulic Seals Technology

Profile	Reference	Temp. (°C) ✱	Maximum load		Maximum sliding speed			Material	Dimensions (mm)	Page
			Dynamic v < 0,01 m/s	Static v = 0 m/s	Dry m/s	Grease m/s	Oil m/s			
9a Rolled bushings										
	**23BK-1**	-195 +250	140	250	2,5	-	5	**Steel Porous bronze PTFE**	3 … 300	**1076 - 1083**
	**23BK-1...F**	-195 +250	140	250	2,5	-	5	**Steel Porous bronze PTFE**	6 … 60	**1084 - 1085**
	**23BK-2**	-40 +110	120	250	0,5	2,5	-	**Steel Porous bronze POM**	8 … 150	**1086 - 1089**
	**23BK-3**	-40 +150	80	150	-	2,5	10	**Steel Bronze**	10 … 245	**1090 - 1093**
	**23BK090**	-100 +150	40	120	-	2	> 2	**Bronze**	10 … 240	**1094 - 1097**
	**23BK090...F**	-100 +150	40	120	-	2	> 2	**Bronze**	30 … 120	**1098 - 1099**
	**23FT090**	-100 +250	40	120	-	2	> 2	**Bronze**	16 … 60	**1100 - 1101**
9b Massive bushings										
	**23HST**	-195 +250	150	250	-	0,6	0,6	**Hardened Steel**	20 … 90	**1102 - 1103**
9c Composite bushings										
	**23BK500-15N**	-200 +130	70	200	2	5	5	**Polyester fabric + polyester resin + PTFE**	20 … 120	**1104 - 1105**
	**23BK-EP1**	-100 +160	120	240	0,2	-	-	**Epoxy resin + PTFE**	20 … 120	**1106 - 1107**

1 TECHNICAL SPECIFICATIONS

For a well understanding of this catalogue, we hereby explain the most important technical specifications which we will use frequently. For a slide bearing with an internal diameter **d** and a length **L**:

- **Specific load = P (N/mm2)**

If **F** is perpendicular charge (N):

$$P = \frac{F}{d \,.\, L}$$

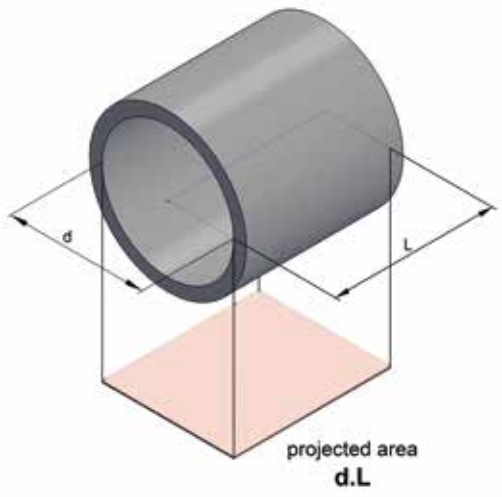
- **Sliding speed = V (m/s)**

Bush rotation: if **n** is the rotation speed (min^{-1})

$$V = \frac{d \,.\, \pi \,.\, n}{60 \,.\, 10^3}$$

Bush oscillation: if **n** is the oscillation frequency (min^{-1}) and **μ** the angle of oscillation:

$$V = \frac{d \,.\, \pi}{60.10^3} \,.\, \frac{2\mu \,.\, n}{360}$$



- **PV-factor = P.V (N/mm². m/s)**

The **PV factor** is the specific load multiplied by the speed.
It is the most important factor to size an application.

2 CALCULATION OF THE LIFESPAN

The operating life for a slide bearing depends on the specific load, the sliding speed, the temperature and the material of the rod (surface roughness and hardness).
On request, we can calculate the lifespan, which will be an approximate value.

3 PROTECTION OF THE ASSEMBLIES

To avoid any pollution of your bushing, we recommend the use of wipers **10SWP** or **10SWPM** on both sides (**Fig. 1074**).

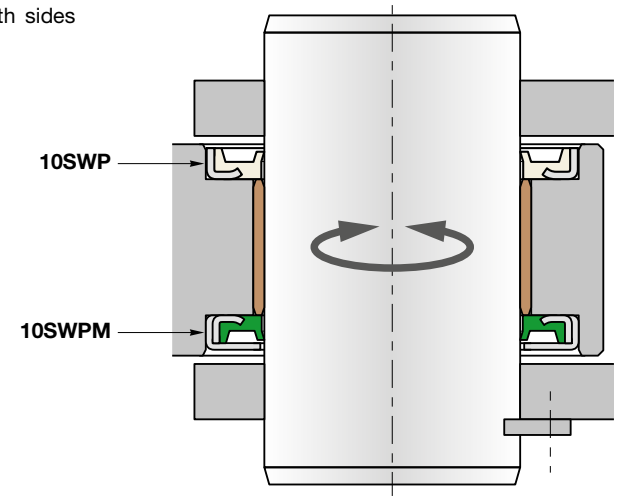


Fig. 1074

4 DESIGN OF THE ASSEMBLIES

To avoid stress concentrations on the edges of the bearing, it is preferable to provide a small clearing or let the bearing protrude (**Fig. 1075A** and **Fig. 1075B**).

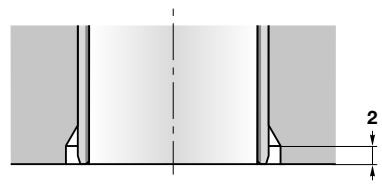


Fig. 1075A

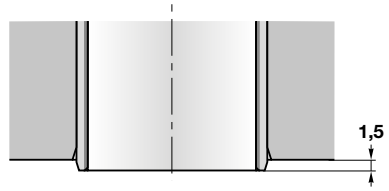


Fig. 1075B

5 ASSEMBLY OF ROLLED (D ≤ 50mm), MASSIVE AND COMPOSITE BEARINGS

To assemble rolled slide bearings with an external diameter up to 50 mm, please proceed as shown by **Fig. 1075C**.
The adapted diameter at size **h** gives us the possibility to press the bearing in the housing with a depth **h**.

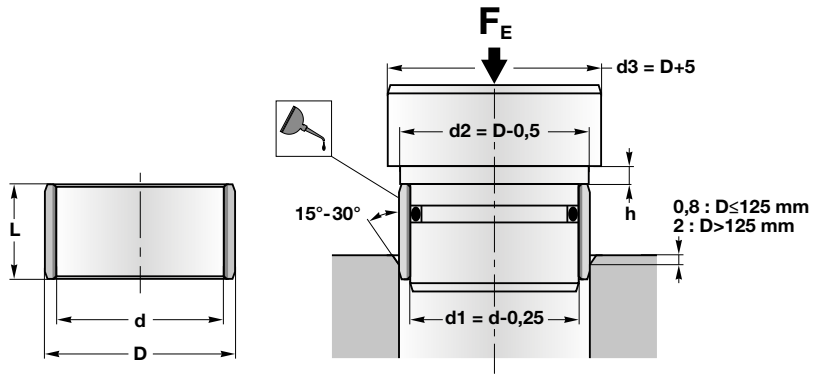


Fig. 1075C

6 ASSEMBLY OF ROLLED BEARINGS (D > 50mm)

For the assembly of slide bearings with a external diameter larger than 50 mm, we recommend the use of a mounting ring as shown in **Fig. 1075D**.
On request we can calculate the force F_E.

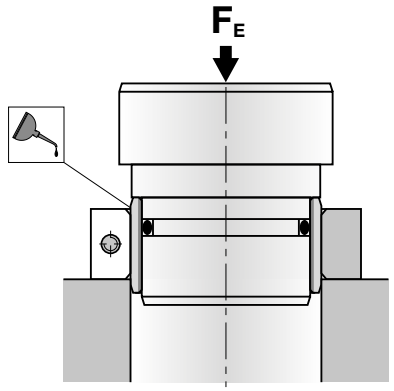
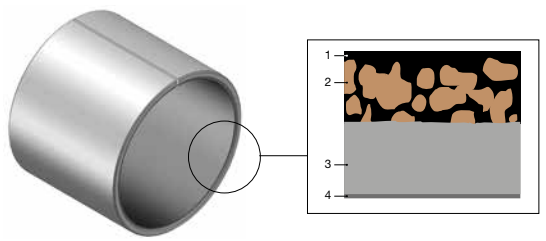


Fig. 1075D



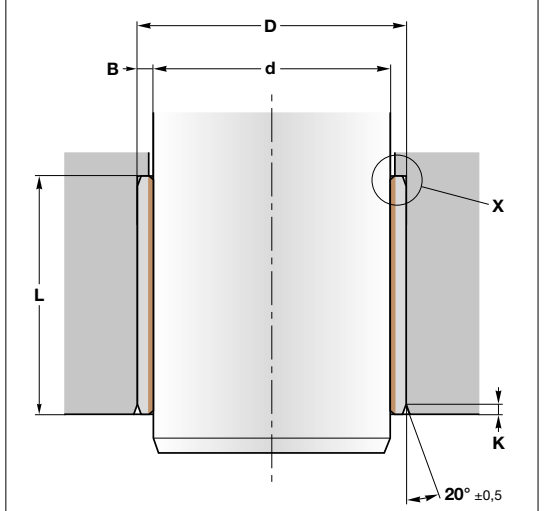
1 Modified PTFE: 0,01 -0,05 mm
2 Sintered bronze layer: 0,20 - 0,35 mm
3 Steel roll
4 Surface protection: ~0,002 mm

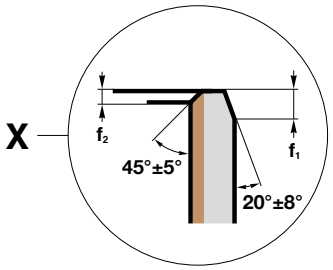
23BK-1 are tri-layer maintenance-free bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, PTFE is impregnated into the interstices of this bronze layer.

23BK-1 self-lubricating bushings offer very good wear and low friction performance even in dry running conditions and have good physical and mechanical properties, also certain chemical properties.

They are suitable for linear, rotating and oscillating movements.

23BK-1





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
0,75	0,5	0,25
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances			
	d	**D**	**L**
d ≤ 4	h6	H6	
4 < **d** < 80	f7	H7	± 0,25
d ≥ 80	h8	H7	

Technical specification

Temperature	- 195 to + 250°C
Friction coefficient	see table below
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	2,5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Continuously	1,8 N/mm². m/s
Temporarily	3,6 N/mm². m/s
Shaft roughness	Ra < 0,4 µm
Shaft hardness	HB > 350

Advantages

For dry and maintenance-free applications
Absorption of noise and vibrations
Hydrodynamic applications possible
High loads
Good chemical resistance
Low wear and friction
No stick-slip
High temperature range
High sliding speed
No water absorption
Low clearance during operation
Limited dimensions

Please contact us for applications approaching maximum values.

Friction coefficient	p N/mm²	v m/s
0,025	250-140	< 0,001
0,04-0,07	140-60	0,001-0,005
0,07-0,1	60-10	0,005-0,05
0,1-0,15	10-1	0,05-0,5
0,15-0,25	< 1	0,5-2

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

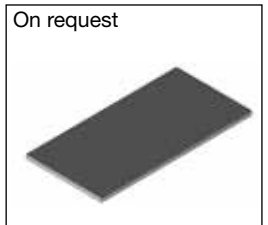
d	D	L	Reference
3	4,5	3	**23BK-1 0303**
	4,5	4	**23BK-1 0304**
	4,5	5	**23BK-1 0305**
	4,5	6	**23BK-1 0306**
4	5,5	3	**23BK-1 0403**
	5,5	4	**23BK-1 0404**
	5,5	5	**23BK-1 0405**
	5,5	6	**23BK-1 0406**
	5,5	8	**23BK-1 0408**
	5,5	10	**23BK-1 0410**
5	7	4	**23BK-1 0504**
	7	5	**23BK-1 0505**
	7	8	**23BK-1 0508**
	7	10	**23BK-1 0510**
6	8	4	**23BK-1 0604**
	8	5	**23BK-1 0605**
	8	6	**23BK-1 0606**
	8	7	**23BK-1 0607**
	8	8	**23BK-1 0608**
	8	10	**23BK-1 0610**
7	9	5	**23BK-1 0705**
	9	7	**23BK-1 0707**
	9	10	**23BK-1 0710**
8	10	4	**23BK-1 0804**
	10	5	**23BK-1 0805**
	10	6	**23BK-1 0806**
	10	7	**23BK-1 0807**
	10	8	**23BK-1 0808**
	10	10	**23BK-1 0810**
	10	12	**23BK-1 0812**
9	11	10	**23BK-1 0910**

d	D	L	Reference
10	12	6	**23BK-1 1006**
	12	7	**23BK-1 1007**
	12	8	**23BK-1 1008**
	12	10	**23BK-1 1010**
	12	12	**23BK-1 1012**
	12	15	**23BK-1 1015**
	12	20	**23BK-1 1020**
12	14	6	**23BK-1 1206**
	14	7	**23BK-1 1207**
	14	8	**23BK-1 1208**
	14	9	**23BK-1 1209**
	14	10	**23BK-1 1210**
	14	12	**23BK-1 1212**
	14	15	**23BK-1 1215**
	14	18	**23BK-1 1218**
	14	20	**23BK-1 1220**
	14	25	**23BK-1 1225**
13	15	8	**23BK-1 1308**
	15	10	**23BK-1 1310**
	15	15	**23BK-1 1315**
14	16	10	**23BK-1 1410**
	16	12	**23BK-1 1412**
	16	15	**23BK-1 1415**
	16	20	**23BK-1 1420**
	16	25	**23BK-1 1425**
15	17	8	**23BK-1 1508**
	17	10	**23BK-1 1510**
	17	12	**23BK-1 1512**
	17	15	**23BK-1 1515**
	17	20	**23BK-1 1520**
	17	25	**23BK-1 1525**

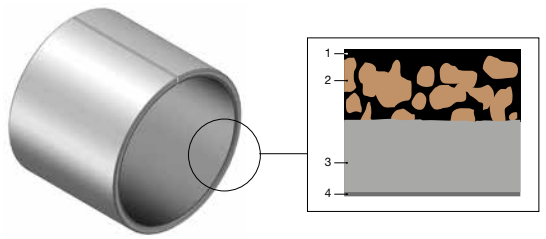

23BK-1 F

On request

23BK-1 SF

On request

23BK-1 P

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



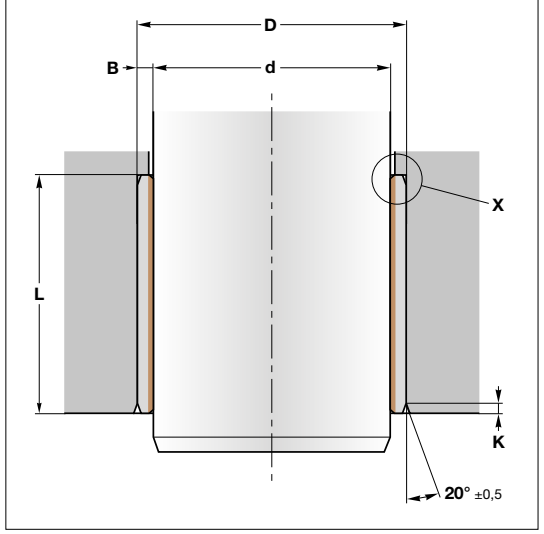
1 Modified PTFE: 0,01 -0,05 mm
2 Sintered bronze layer: 0,20 - 0,35 mm
3 Steel roll
4 Surface protection: ~0,002 mm

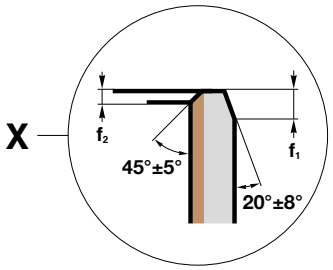
23BK-1 are tri-layer maintenance-free bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, PTFE is impregnated into the interstices of this bronze layer.

23BK-1 self-lubricating bushings offer very good wear and low friction performance even in dry running conditions and have good physical and mechanical properties, also certain chemical properties.

They are suitable for linear, rotating and oscillating movements.

23BK-1





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
0,75	0,5	0,25
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances			
	d	**D**	**L**
d ≤ 4	h6	H6	
4 < **d** < 80	f7	H7	± 0,25
d ≥ 80	h8	H7	

Technical specification

Temperature	- 195 to + 250°C
Friction coefficient	see table below
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	2,5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Continuously	1,8 N/mm². m/s
Temporarily	3,6 N/mm². m/s
Shaft roughness	Ra < 0,4 µm
Shaft hardness	HB > 350

Advantages

For dry and maintenance-free applications
Absorption of noise and vibrations
Hydrodynamic applications possible
High loads
Good chemical resistance
Low wear and friction
No stick-slip
High temperature range
High sliding speed
No water absorption
Low clearance during operation
Limited dimensions

Please contact us for applications approaching maximum values.

Friction coefficient	p N/mm²	v m/s
0,025	250-140	< 0,001
0,04-0,07	140-60	0,001-0,005
0,07-0,1	60-10	0,005-0,05
0,1-0,15	10-1	0,05-0,5
0,15-0,25	< 1	0,5-2

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

d	D	L	Reference
16	18	10	**23BK-1 1610**
	18	12	**23BK-1 1612**
	18	15	**23BK-1 1615**
	18	20	**23BK-1 1620**
	18	25	**23BK-1 1625**
17	19	12	**23BK-1 1712**
	19	15	**23BK-1 1715**
18	20	10	**23BK-1 1810**
	20	12	**23BK-1 1812**
	20	14	**23BK-1 1814**
	20	15	**23BK-1 1815**
	20	20	**23BK-1 1820**
	20	25	**23BK-1 1825**
20	23	5	**23BK-1 2005**
	23	10	**23BK-1 2010**
	23	12	**23BK-1 2012**
	23	15	**23BK-1 2015**
	23	20	**23BK-1 2020**
	23	25	**23BK-1 2025**
	23	30	**23BK-1 2030**
22	25	10	**23BK-1 2210**
	25	12	**23BK-1 2212**
	25	15	**23BK-1 2215**
	25	20	**23BK-1 2220**
	25	25	**23BK-1 2225**
	25	30	**23BK-1 2230**
24	27	15	**23BK-1 2415**
	27	20	**23BK-1 2420**
	27	25	**23BK-1 2425**
	27	30	**23BK-1 2430**

d	D	L	Reference
25	28	5	**23BK-1 2505**
	28	10	**23BK-1 2510**
	28	12	**23BK-1 2512**
	28	15	**23BK-1 2515**
	28	20	**23BK-1 2520**
	28	25	**23BK-1 2525**
	28	30	**23BK-1 2530**
	28	35	**23BK-1 2535**
	28	40	**23BK-1 2540**
	28	50	**23BK-1 2550**
26	30	15	**23BK-1 2615**
	30	20	**23BK-1 2620**
	30	30	**23BK-1 2630**
28	32	12	**23BK-1 2812**
	32	15	**23BK-1 2815**
	32	20	**23BK-1 2820**
	32	25	**23BK-1 2825**
	32	30	**23BK-1 2830**
	32	35	**23BK-1 2835**
30	34	12	**23BK-1 3012**
	34	15	**23BK-1 3015**
	34	20	**23BK-1 3020**
	34	25	**23BK-1 3025**
	34	30	**23BK-1 3030**
	34	35	**23BK-1 3035**
	34	40	**23BK-1 3040**
32	36	8	**23BK-1 3208**
	36	12	**23BK-1 3212**
	36	20	**23BK-1 3220**
	36	25	**23BK-1 3225**
	36	30	**23BK-1 3230**
	36	40	**23BK-1 3240**
36	40	40	**23BK-1 3640**


23BK-1 F

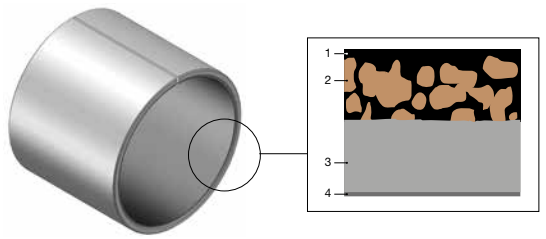
On request

23BK-1 SF

On request

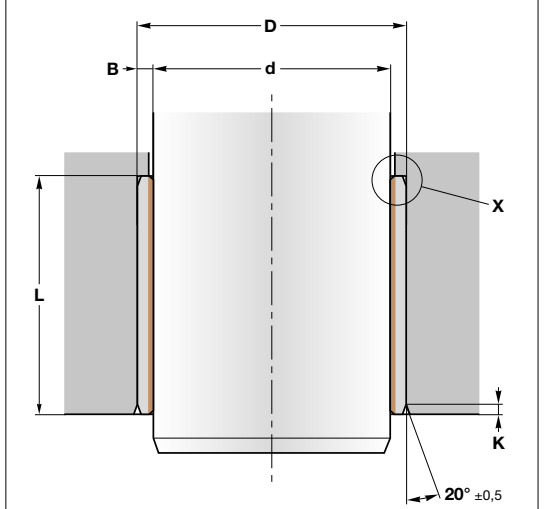
23BK-1 P

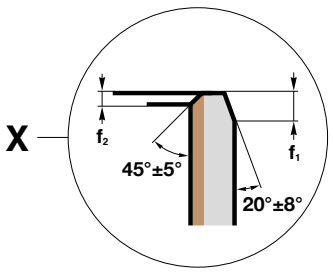
We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Modified PTFE: 0,01 -0,05 mm
2 Sintered bronze layer: 0,20 - 0,35 mm
3 Steel roll
4 Surface protection: ~0,002 mm

23BK-1





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
0,75	0,5	0,25
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances			
	d	D	L
d ≤ 4	h6	H6	
4 < **d** < 80	f7	H7	± 0,25
d ≥ 80	h8	H7	

23BK-1 are tri-layer maintenance-free bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, PTFE is impregnated into the interstices of this bronze layer.

23BK-1 self-lubricating bushings offer very good wear and low friction performance even in dry running conditions and have good physical and mechanical properties, also certain chemical properties.

They are suitable for linear, rotating and oscillating movements.

Technical specification

Temperature	- 195 to + 250°C
Friction coefficient	see table below
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	2,5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Continuously	1,8 N/mm². m/s
Temporarily	3,6 N/mm². m/s
Shaft roughness	Ra < 0,4 µm
Shaft hardness	HB > 350

Advantages

For dry and maintenance-free applications
Absorption of noise and vibrations
Hydrodynamic applications possible
High loads
Good chemical resistance
Low wear and friction
No stick-slip
High temperature range
High sliding speed
No water absorption
Low clearance during operation
Limited dimensions

Please contact us for applications approaching maximum values.

Friction coefficient	p N/mm²	v m/s
0,025	250-140	< 0,001
0,04-0,07	140-60	0,001-0,005
0,07-0,1	60-10	0,005-0,05
0,1-0,15	10-1	0,05-0,5
0,15-0,25	< 1	0,5-2

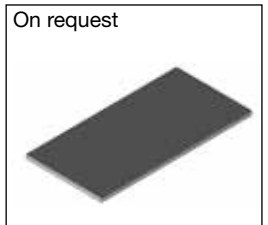
Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

d	D	L	Reference
35	39	10	**23BK-1 3510**
	39	12	**23BK-1 3512**
	39	15	**23BK-1 3515**
	39	20	**23BK-1 3520**
	39	25	**23BK-1 3525**
	39	30	**23BK-1 3530**
	39	35	**23BK-1 3535**
	39	40	**23BK-1 3540**
	39	50	**23BK-1 3550**
38	42	20	**23BK-1 3820**
	42	40	**23BK-1 3840**
40	44	12	**23BK-1 4012**
	44	15	**23BK-1 4015**
	44	20	**23BK-1 4020**
	44	25	**23BK-1 4025**
	44	30	**23BK-1 4030**
	44	35	**23BK-1 4035**
	44	40	**23BK-1 4040**
	44	50	**23BK-1 4050**
45	50	20	**23BK-1 4520**
	50	25	**23BK-1 4525**
	50	30	**23BK-1 4530**
	50	35	**23BK-1 4535**
	50	40	**23BK-1 4540**
	50	45	**23BK-1 4545**
	50	50	**23BK-1 4550**
50	55	15	**23BK-1 5015**
	55	20	**23BK-1 5020**
	55	25	**23BK-1 5025**
	55	30	**23BK-1 5030**
	55	35	**23BK-1 5035**
	55	40	**23BK-1 5040**
	55	50	**23BK-1 5050**
	55	60	**23BK-1 5060**

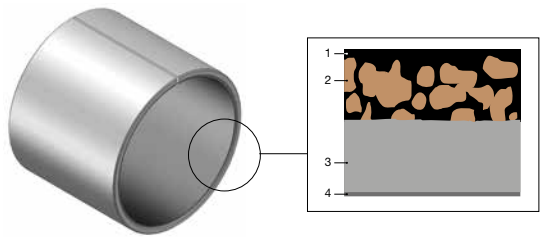
d	D	L	Reference
55	60	25	**23BK-1 5525**
	60	30	**23BK-1 5530**
	60	35	**23BK-1 5535**
	60	40	**23BK-1 5540**
	60	50	**23BK-1 5550**
	60	55	**23BK-1 5555**
	60	60	**23BK-1 5560**
56	61	40	**23BK-1 5640**
60	65	15	**23BK-1 6015**
	65	20	**23BK-1 6020**
	65	30	**23BK-1 6030**
	65	35	**23BK-1 6035**
	65	40	**23BK-1 6040**
	65	50	**23BK-1 6050**
	65	60	**23BK-1 6060**
	65	70	**23BK-1 6070**
65	70	15	**23BK-1 6515**
	70	30	**23BK-1 6530**
	70	40	**23BK-1 6540**
	70	50	**23BK-1 6550**
	70	60	**23BK-1 6560**
	70	70	**23BK-1 6570**
70	75	30	**23BK-1 7030**
	75	35	**23BK-1 7035**
	75	40	**23BK-1 7040**
	75	50	**23BK-1 7050**
	75	60	**23BK-1 7060**
	75	70	**23BK-1 7070**
	75	80	**23BK-1 7080**


23BK-1 F


On request
23BK-1 SF

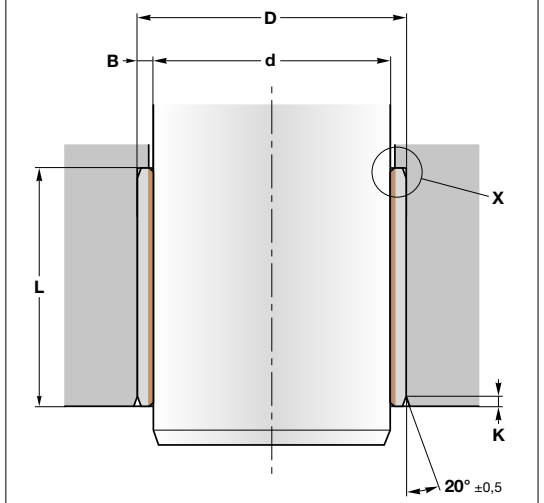

On request
23BK-1 P

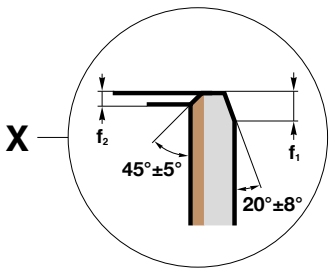
We produce bushings with an external diameter from 4,5 to 305 mm;
a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Modified PTFE: 0,01 -0,05 mm
2 Sintered bronze layer: 0,20 - 0,35 mm
3 Steel roll
4 Surface protection: ~0,002 mm

23BK-1





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
0,75	0,5	0,25
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances			
	d	D	L
d ≤ 4	h6	H6	
4 < **d** < 80	f7	H7	± 0,25
d ≥ 80	h8	H7	

23BK-1 are tri-layer maintenance-free bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, PTFE is impregnated into the interstices of this bronze layer.

23BK-1 self-lubricating bushings offer very good wear and low friction performance even in dry running conditions and have good physical and mechanical properties, also certain chemical properties.

They are suitable for linear, rotating and oscillating movements.

Technical specification

Temperature	- 195 to + 250°C
Friction coefficient	see table below
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	2,5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Continuously	1,8 N/mm². m/s
Temporarily	3,6 N/mm². m/s
Shaft roughness	Ra < 0,4 µm
Shaft hardness	HB > 350

Advantages

For dry and maintenance-free applications
Absorption of noise and vibrations
Hydrodynamic applications possible
High loads
Good chemical resistance
Low wear and friction
No stick-slip
High temperature range
High sliding speed
No water absorption
Low clearance during operation
Limited dimensions

Please contact us for applications approaching maximum values.

Friction coefficient	p N/mm²	v m/s
0,025	250-140	< 0,001
0,04-0,07	140-60	0,001-0,005
0,07-0,1	60-10	0,005-0,05
0,1-0,15	10-1	0,05-0,5
0,15-0,25	< 1	0,5-2

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

d	D	L	Reference
75	80	30	**23BK-1 7530**
	80	40	**23BK-1 7540**
	80	50	**23BK-1 7550**
	80	60	**23BK-1 7560**
	80	80	**23BK-1 7580**
80	85	40	**23BK-1 8040**
	85	50	**23BK-1 8050**
	85	60	**23BK-1 8060**
	85	80	**23BK-1 8080**
	85	100	**23BK-1 80100**
85	90	40	**23BK-1 8540**
	90	50	**23BK-1 8550**
	90	60	**23BK-1 8560**
90	95	40	**23BK-1 9040**
	95	50	**23BK-1 9050**
	95	60	**23BK-1 9060**
	95	78,5	**23BK-1 9078.5**
	95	90	**23BK-1 9090**
	95	100	**23BK-1 90100**
95	100	30	**23BK-1 9530**
	100	40	**23BK-1 9540**
100	105	50	**23BK-1 10050**
	105	60	**23BK-1 10060**
	105	70	**23BK-1 10070**
	105	95	**23BK-1 10095**
105	110	90	**23BK-1 10590**
	110	115	**23BK-1 105115**
110	115	50	**23BK-1 11050**
	115	60	**23BK-1 11060**
	115	100	**23BK-1 110100**
	115	110	**23BK-1 110110**
	115	115	**23BK-1 110115**

d	D	L	Reference
115	120	50	**23BK-1 11550**
120	125	35	**23BK-1 12035**
	125	45	**23BK-1 12045**
	125	50	**23BK-1 12050**
	125	60	**23BK-1 12060**
	125	70	**23BK-1 12070**
	125	95	**23BK-1 12095**
	125	100	**23BK-1 120100**
125	130	100	**23BK-1 125100**
130	135	50	**23BK-1 13050**
	135	60	**23BK-1 13060**
	135	80	**23BK-1 13080**
	135	100	**23BK-1 130100**
140	145	50	**23BK-1 14050**
	145	80	**23BK-1 14080**
	145	100	**23BK-1 140100**
150	155	50	**23BK-1 15050**
	155	60	**23BK-1 15060**
	155	80	**23BK-1 15080**
	155	100	**23BK-1 150100**
160	165	80	**23BK-1 16080**
	165	100	**23BK-1 160100**
180	185	100	**23BK-1 180100**
200	205	100	**23BK-1 200100**
250	255	100	**23BK-1 250100**
300	305	50	**23BK-1 30050**
	305	100	**23BK-1 300100**


23BK-1 F

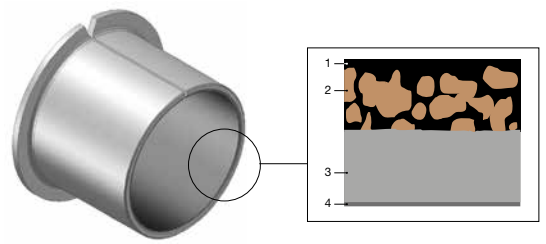
On request

23BK-1 SF

On request

23BK-1 P

We produce bushings with an external diameter from 4,5 to 305 mm;
a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Modified PTFE: 0,01 -0,05 mm
2 Sintered bronze layer: 0,20 - 0,35 mm
3 Steel roll
4 Surface protection: ~0,002 mm

23BK-1...F are tri-layer maintenance-free flanged bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, PTFE is impregnated into the interstices of this bronze layer.

23BK-1...F self-lubricating flanged bushings offer very good wear and low friction performance even in dry running conditions and have good physical and mechanical properties, also certain chemical properties.

They are suitable for linear, rotating and oscillating movements.

Technical specification

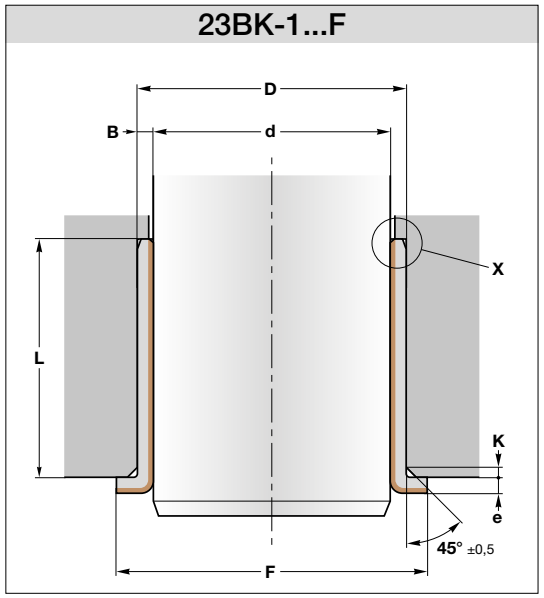
Temperature	- 195 to + 250°C
Friction coefficient	see table below
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	2,5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Continuously	1,8 N/mm². m/s
Temporarily	3,6 N/mm². m/s
Shaft roughness	Ra < 0,4 µm
Shaft hardness	HB > 350

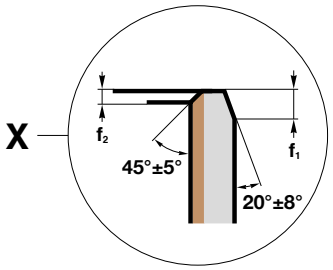
Advantages

- For dry and maintenance-free applications
- Absorption of noise and vibrations
- Hydrodynamic applications possible
- High loads
- Good chemical resistance
- Low wear and friction
- No stick-slip
- High temperature range
- High sliding speed
- No water absorption
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

23BK-1...F





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
0,75	0,5	0,25
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances

d	D	L	e	F
f7	H7	± 0,25	0/-0,2	± 0,5

Friction coefficient	p N/mm²	v m/s
0,025	250-140	< 0,001
0,04-0,07	140-60	0,001-0,005
0,07-0,1	60-10	0,005-0,05
0,1-0,15	10-1	0,05-0,5
0,15-0,25	< 1	0,5-2

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

d	D	L	e	F	Reference
6	8	4	1	12	**23BK-1 06040F**
	8	7	1	12	**23BK-1 06070F**
	8	8	1	12	**23BK-1 06080F**
8	10	5,5	1	15	**23BK-1 08055F**
	10	7,5	1	15	**23BK-1 08075F**
	10	9,5	1	15	**23BK-1 08095F**
10	12	7	1	18	**23BK-1 10070F**
	12	9	1	18	**23BK-1 10090F**
	12	12	1	18	**23BK-1 10120F**
	12	17	1	18	**23BK-1 10170F**
12	14	7	1	20	**23BK-1 12070F**
	14	9	1	20	**23BK-1 12090F**
	14	12	1	20	**23BK-1 12120F**
14	16	12	1	22	**23BK-1 14120F**
	16	17	1	22	**23BK-1 14170F**
15	17	9	1	23	**23BK-1 15090F**
	17	12	1	23	**23BK-1 15120F**
	17	17	1	23	**23BK-1 15170F**
16	18	12	1	24	**23BK-1 16120F**
	18	17	1	24	**23BK-1 16170F**

d	D	L	e	F	Reference
18	20	12	1	26	**23BK-1 18120F**
	20	17	1	26	**23BK-1 18170F**
20	23	11,5	1,5	31	**23BK-1 20115F**
	23	16,5	1,5	31	**23BK-1 20165F**
	23	21,5	1,5	31	**23BK-1 20215F**
25	28	11,5	1,5	36	**23BK-1 25115F**
	28	16,5	1,5	36	**23BK-1 25165F**
	28	21,5	1,5	36	**23BK-1 25215F**
30	34	16	2	42	**23BK-1 30160F**
	34	26	2	42	**23BK-1 30260F**
35	39	16	2	47	**23BK-1 35160F**
	39	26	2	47	**23BK-1 35260F**
40	44	26	2	53	**23BK-1 40260F**
45	50	42,5	2,5	60	**23BK-1 45425F**
60	65	30	2,5	75	**23BK-1 60300F**

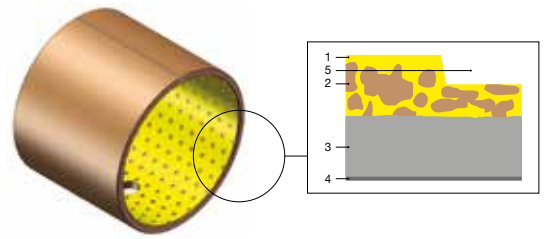

23BK-1


On request
23BK-1 SF


On request

For prices and availability: **www.sealtech-business.be**

Low maintenance rolled bushings



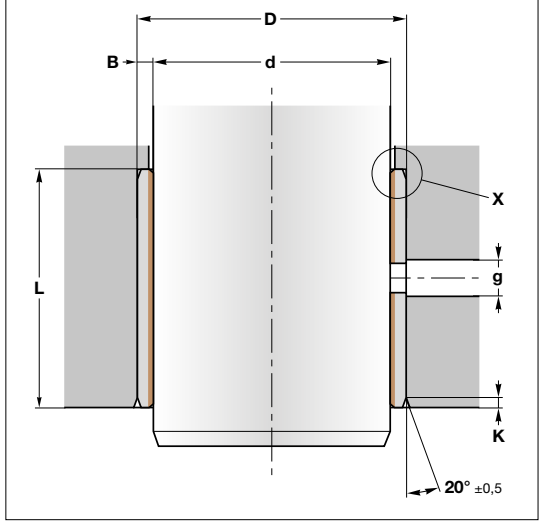
1 Acetal co-polymer : 0,30 – 0,50 mm
2 Porous bronze layer : 0,20 – 0,35 mm
3 Steel roll
4 Surface protection : ~0,002 mm
5 Lubrication pockets

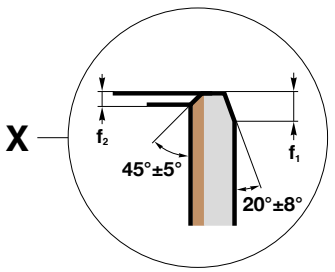
23BK-2 are tri-layer low maintenance bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, Acetalcopolymer (POM) is impregnated into the interstices of this bronze layer. Grease indents are stamped in the sliding layer.

23BK-2 needs to be greased or oiled and offer optimum performance under relatively high loads and low speeds and have good physical and mechanical properties.

They are suitable for rotating and oscillating movements.

23BK-2





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances		
d	D	L
h7 - h8	H7	± 0,25

Technical specification

Temperature	- 40 to + 110°C
Friction coefficient	0,04 to 0,2
Maximum load	
Dynamic	120 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	0,5 m/s
In hydrodynamic working	2,5 m/s
PV-factor	
Continuously	2,8 N/mm². m/s
Temporarily	22 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 150

Advantages

- Absorption of noise and vibrations
- Re-lubrication possible
- Hydrodynamic applications possible
- High loads
- Low wear and friction
- No water absorption
- To be used when it is difficult to bring in an oil film
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

d	D	L	g	Reference
8	10	8	4	**23BK-2 0808**
	10	10	4	**23BK-2 0810**
10	12	10	4	**23BK-2 1010**
	12	15	4	**23BK-2 1015**
	12	20	4	**23BK-2 1020**
12	14	6	4	**23BK-2 1206**
	14	10	4	**23BK-2 1210**
	14	12	4	**23BK-2 1212**
	14	15	4	**23BK-2 1215**
	14	16	4	**23BK-2 1216**
	14	20	4	**23BK-2 1220**
14	16	15	4	**23BK-2 1415**
	16	20	4	**23BK-2 1420**
	16	25	4	**23BK-2 1425**
15	17	10	4	**23BK-2 1510**
	17	15	4	**23BK-2 1515**
	17	25	4	**23BK-2 1525**
16	18	15	4	**23BK-2 1615**
	18	20	4	**23BK-2 1620**
	18	25	4	**23BK-2 1625**
18	20	15	4	**23BK-2 1815**
	20	20	4	**23BK-2 1820**
	20	25	4	**23BK-2 1825**
20	23	10	4	**23BK-2 2010**
	23	15	4	**23BK-2 2015**
	23	20	4	**23BK-2 2020**
	23	25	4	**23BK-2 2025**
	23	30	4	**23BK-2 2030**
22	25	15	6	**23BK-2 2215**
	25	20	6	**23BK-2 2220**
	25	25	6	**23BK-2 2225**
	25	30	6	**23BK-2 2230**

d	D	L	g	Reference
24	27	15	6	**23BK-2 2415**
	27	20	6	**23BK-2 2420**
	27	25	6	**23BK-2 2425**
	27	30	6	**23BK-2 2430**
25	28	15	6	**23BK-2 2515**
	28	20	6	**23BK-2 2520**
	28	25	6	**23BK-2 2525**
	28	30	6	**23BK-2 2530**
28	32	25	6	**23BK-2 2825**
	32	30	6	**23BK-2 2830**
30	34	15	6	**23BK-2 3015**
	34	20	6	**23BK-2 3020**
	34	25	6	**23BK-2 3025**
	34	30	6	**23BK-2 3030**
	34	40	6	**23BK-2 3040**
32	36	25	6	**23BK-2 3225**
	36	30	6	**23BK-2 3230**
	36	40	6	**23BK-2 3240**
35	39	20	6	**23BK-2 3520**
	39	30	6	**23BK-2 3530**
	39	35	6	**23BK-2 3535**
	39	40	6	**23BK-2 3540**
	39	50	6	**23BK-2 3550**
40	44	20	8	**23BK-2 4020**
	44	30	8	**23BK-2 4030**
	44	40	8	**23BK-2 4040**
	44	50	8	**23BK-2 4050**
45	50	30	8	**23BK-2 4530**
	50	40	8	**23BK-2 4540**
	50	45	8	**23BK-2 4545**
	50	50	8	**23BK-2 4550**

On request

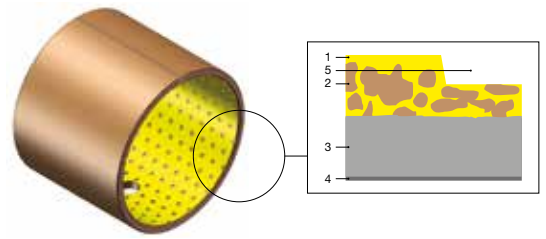
23BK-2 SF

On request

23BK-2 P

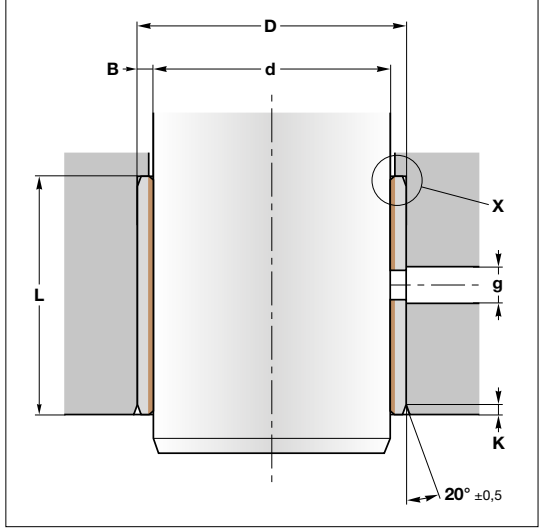
Dimensions and tolerances according to ISO 3547.
For prices and availability : **www.sealtech-business.be**

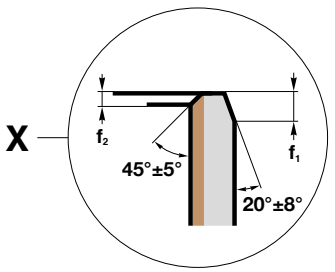
We produce bushings with an external diameter from 4,5 to 305 mm ; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Acetal co-polymer: 0,30 – 0,50 mm
2 Porous bronze layer: 0,20 – 0,35 mm
3 Steel roll
4 Surface protection: ~0,002 mm
5 Lubrication pockets

23BK-2





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances		
d	D	L
h7 - h8	H7	± 0,25

23BK-2 are tri-layer low maintenance bushings with a base of low carbon steel, whereupon a porous bronze layer is sintered. After rolling process completed, Acetalcopolymer (POM) is impregnated into the interstices of this bronze layer. Grease indents are stamped in the sliding layer.

23BK-2 needs to be greased or oiled and offer optimum performance under relatively high loads and low speeds and have good physical and mechanical properties.

They are suitable for rotating and oscillating movements.

Technical specification

Temperature	- 40 to + 110°C
Friction coefficient	0,04 to 0,2
Maximum load	
Dynamic	120 N/mm²
Static	250 N/mm²
Maximum speed	
Dry	0,5 m/s
In hydrodynamic working	2,5 m/s
PV-factor	
Continuously	2,8 N/mm². m/s
Temporarily	22 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 150

Advantages

- Absorption of noise and vibrations
- Re-lubrication possible
- Hydrodynamic applications possible
- High loads
- Low wear and friction
- No water absorption
- To be used when it is difficult to bring in an oil film
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

d	D	L	g	Reference
50	55	20	8	**23BK-2 5020**
	55	25	8	**23BK-2 5025**
	55	30	8	**23BK-2 5030**
	55	35	8	**23BK-2 5035**
	55	40	8	**23BK-2 5040**
	55	45	8	**23BK-2 5045**
	55	50	8	**23BK-2 5050**
	55	60	8	**23BK-2 5060**
55	60	25	8	**23BK-2 5525**
	60	40	8	**23BK-2 5540**
	60	60	8	**23BK-2 5560**
56	61	40	8	**23BK-2 5640**
60	65	30	8	**23BK-2 6030**
	65	40	8	**23BK-2 6040**
	65	50	8	**23BK-2 6050**
	65	60	8	**23BK-2 6060**
	65	70	8	**23BK-2 6070**
65	70	30	8	**23BK-2 6530**
	70	40	8	**23BK-2 6540**
	70	50	8	**23BK-2 6550**
	70	60	8	**23BK-2 6560**
	70	70	8	**23BK-2 6570**
70	75	30	8	**23BK-2 7030**
	75	40	8	**23BK-2 7040**
	75	45	8	**23BK-2 7045**
	75	50	8	**23BK-2 7050**
	75	60	8	**23BK-2 7060**
	75	65	8	**23BK-2 7065**
	75	70	8	**23BK-2 7070**
	75	80	8	**23BK-2 7080**

d	D	L	g	Reference
75	80	40	9,5	**23BK-2 7540**
	80	60	9,5	**23BK-2 7560**
	80	80	9,5	**23BK-2 7580**
80	85	40	9,5	**23BK-2 8040**
	85	50	9,5	**23BK-2 8050**
	85	60	9,5	**23BK-2 8060**
	85	80	9,5	**23BK-2 8080**
85	90	40	9,5	**23BK-2 8540**
	90	45	9,5	**23BK-2 8545**
	90	60	9,5	**23BK-2 8560**
90	95	40	9,5	**23BK-2 9040**
	95	60	9,5	**23BK-2 9060**
	95	80	9,5	**23BK-2 9080**
	95	90	9,5	**23BK-2 9090**
95	100	60	9,5	**23BK-2 9560**
	100	70	9,5	**23BK-2 9570**
	100	90	9,5	**23BK-2 9590**
100	105	50	9,5	**23BK-2 10050**
	105	60	9,5	**23BK-2 10060**
110	115	60	9,5	**23BK-2 11060**
	115	80	9,5	**23BK-2 11080**
	115	100	9,5	**23BK-2 110110**
120	125	60	9,5	**23BK-2 12060**
	125	80	9,5	**23BK-2 12080**
	125	100	9,5	**23BK-2 120100**
130	135	60	9,5	**23BK-2 13060**
	135	80	9,5	**23BK-2 13080**
150	155	50	9,5	**23BK-2 15050**
	155	100	9,5	**23BK-2 150100**

On request

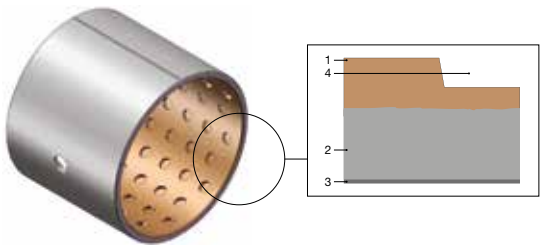
23BK-2 SF

On request

23BK-2 P

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Bronze
2 Steel
3 Surface protection
4 Lubrication pockets

23BK-3 bi-metallic bushings are formed from steel strips with alloy lining material in bronze CuPb10Sn10. In the bronze alloy sliding layer are circular lubrication pockets machined allowing long-term lubrification.

23BK-3 are suitable for medium loads at mid-high speed rotation or oscillating movement.

Technical specification

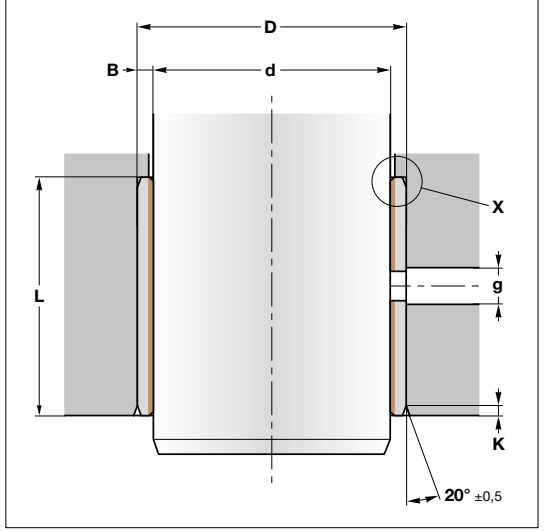
Temperature	- 40 to + 150°C
Friction coefficient	0,05 to 0,15
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
With grease	2,5 m/s
With oil	10 m/s
PV-factor	
With grease	2,8 N/mm². m/s
With oil	10 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 400

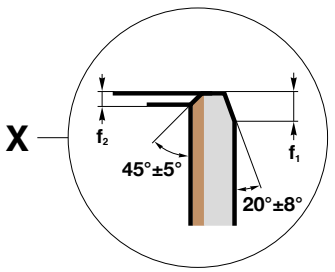
Advantages

For low speed oscillation application
Absorption of noise and vibrations
Re-lubrication possible
Hydrodynamic applications possible
High loads
Low wear and friction
High sliding speed
To be used when it is difficult to bring in an oil film
Low clearance during operation
Limited dimensions

Please contact us for applications approaching maximum values.

23BK-3





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

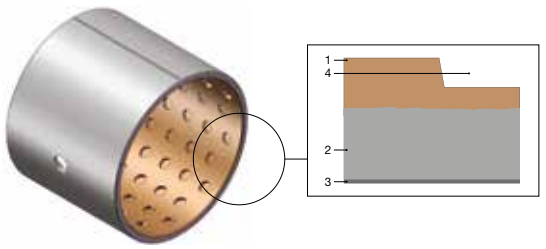
Tolerances		
d	D	L
h7 - h8	H7	± 0,25

d	D	L	g	Reference
10	12	10	4	**23BK-3 1010**
	12	15	4	**23BK-3 1015**
12	14	10	4	**23BK-3 1210**
	14	15	4	**23BK-3 1215**
	14	20	4	**23BK-3 1220**
14	16	15	4	**23BK-3 1415**
	16	20	4	**23BK-3 1420**
	16	25	4	**23BK-3 1425**
15	17	15	4	**23BK-3 1515**
	17	20	4	**23BK-3 1520**
	17	25	4	**23BK-3 1525**
16	18	15	4	**23BK-3 1615**
	18	20	4	**23BK-3 1620**
	18	25	4	**23BK-3 1625**
18	21	15	4	**23BK-3 1815**
	21	20	4	**23BK-3 1820**
	21	25	4	**23BK-3 1825**
20	23	10	4	**23BK-3 2010**
	23	15	4	**23BK-3 2015**
	23	20	4	**23BK-3 2020**
	23	25	4	**23BK-3 2025**
	23	30	4	**23BK-3 2030**
22	25	15	6	**23BK-3 2215**
	25	20	6	**23BK-3 2220**
	25	25	6	**23BK-3 2225**
	25	30	6	**23BK-3 2230**
25	28	15	6	**23BK-3 2515**
	28	20	6	**23BK-3 2520**
	28	25	6	**23BK-3 2525**
	28	30	6	**23BK-3 2530**
28	32	20	6	**23BK-3 2820**
	32	25	6	**23BK-3 2825**
	32	30	6	**23BK-3 2830**
30	34	20	6	**23BK-3 3020**
	34	25	6	**23BK-3 3025**
	34	30	6	**23BK-3 3030**
	34	40	6	**23BK-3 3040**

d	D	L	g	Reference
32	36	20	6	**23BK-3 3220**
	36	25	6	**23BK-3 3225**
	36	30	6	**23BK-3 3230**
	36	40	6	**23BK-3 3240**
35	39	15	6	**23BK-3 3515**
	39	20	6	**23BK-3 3520**
	39	25	6	**23BK-3 3525**
	39	30	6	**23BK-3 3530**
	39	35	6	**23BK-3 3535**
	39	40	6	**23BK-3 3540**
	39	50	6	**23BK-3 3550**
40	44	20	8	**23BK-3 4020**
	44	25	8	**23BK-3 4025**
	44	30	8	**23BK-3 4030**
	44	40	8	**23BK-3 4040**
	44	50	8	**23BK-3 4050**
45	50	20	8	**23BK-3 4520**
	50	25	8	**23BK-3 4525**
	50	30	8	**23BK-3 4530**
	50	40	8	**23BK-3 4540**
	50	45	8	**23BK-3 4545**
	50	50	8	**23BK-3 4550**
	50	60	8	**23BK-3 4560**
	50	63	8	**23BK-3 4563**
	50	70	8	**23BK-3 4570**
50	55	30	8	**23BK-3 5030**
	55	40	8	**23BK-3 5040**
	55	50	8	**23BK-3 5050**
	55	60	8	**23BK-3 5060**
55	60	20	8	**23BK-3 5520**
	60	40	8	**23BK-3 5540**
	60	50	8	**23BK-3 5550**
	60	60	8	**23BK-3 5560**
60	65	30	8	**23BK-3 6030**
	65	35	8	**23BK-3 6035**
	65	40	8	**23BK-3 6040**
	65	45	8	**23BK-3 6045**
	65	50	8	**23BK-3 6050**
	65	60	8	**23BK-3 6060**
	65	70	8	**23BK-3 6070**

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Bronze
2 Steel
3 Surface protection
4 Lubrication pockets

23BK-3 bi-metallic bushings are formed from steel strips with alloy lining material in bronze CuPb10Sn10. In the bronze alloy sliding layer are circular lubrication pockets machined allowing long-term lubrification.

23BK-3 are suitable for medium loads at mid-high speed rotation or oscillating movement.

Technical specification

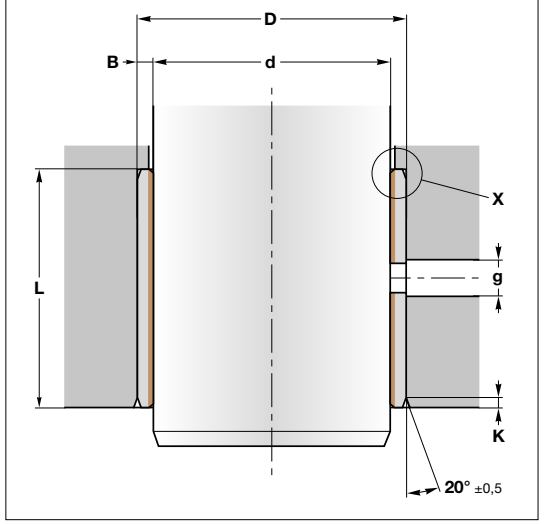
Temperature	- 40 to + 150°C
Friction coefficient	0,05 to 0,15
Maximum load	
Dynamic	140 N/mm²
Static	250 N/mm²
Maximum speed	
With grease	2,5 m/s
With oil	10 m/s
PV-factor	
With grease	2,8 N/mm². m/s
With oil	10 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 400

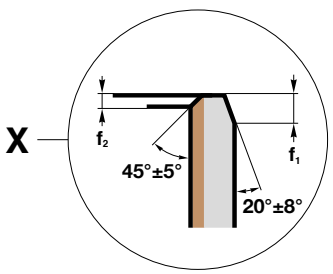
Advantages

For low speed oscillation application
Absorption of noise and vibrations
Re-lubrication possible
Hydrodynamic applications possible
High loads
Low wear and friction
High sliding speed
To be used when it is difficult to bring in an oil film
Low clearance during operation
Limited dimensions

Please contact us for applications approaching maximum values.

23BK-3





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

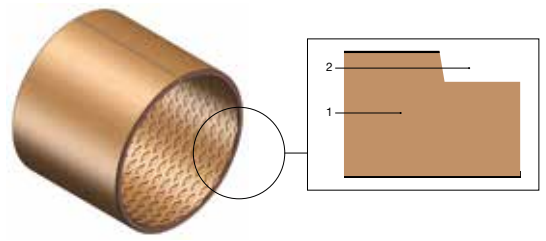
Tolerances		
d	D	L
h7 - h8	H7	± 0,25

d	D	L	g	Reference
65	70	40	8	**23BK-3 6540**
	70	50	8	**23BK-3 6550**
	70	60	8	**23BK-3 6560**
	70	70	8	**23BK-3 6570**
70	75	40	8	**23BK-3 7040**
	75	50	8	**23BK-3 7050**
	75	60	8	**23BK-3 7060**
	75	65	8	**23BK-3 7065**
	75	70	8	**23BK-3 7070**
	75	80	8	**23BK-3 7080**
75	80	40	9,5	**23BK-3 7540**
	80	50	9,5	**23BK-3 7550**
	80	60	9,5	**23BK-3 7560**
	80	80	9,5	**23BK-3 7580**
80	85	40	9,5	**23BK-3 8040**
	85	50	9,5	**23BK-3 8050**
	85	60	9,5	**23BK-3 8060**
	85	80	9,5	**23BK-3 8080**
	85	100	9,5	**23BK-3 80100**
85	90	40	9,5	**23BK-3 8540**
	90	60	9,5	**23BK-3 8560**
	90	80	9,5	**23BK-3 8580**
	90	100	9,5	**23BK-3 85100**
90	95	40	9,5	**23BK-3 9040**
	95	50	9,5	**23BK-3 9050**
	95	60	9,5	**23BK-3 9060**
	95	70	9,5	**23BK-3 9070**
	95	75	9,5	**23BK-3 9075**
	95	80	9,5	**23BK-3 9080**
	95	90	9,5	**23BK-3 9090**
95	100	60	9,5	**23BK-3 9560**
100	105	50	9,5	**23BK-3 10050**
	105	60	9,5	**23BK-3 10060**
	105	80	9,5	**23BK-3 10080**
	105	95	9,5	**23BK-3 10095**
110	115	60	9,5	**23BK-3 11060**

d	D	L	g	Reference
115	120	50	9,5	**23BK-3 11550**
120	125	25	9,5	**23BK-3 12025**
	125	50	9,5	**23BK-3 12050**
	125	100	9,5	**23BK-3 120100**
130	135	60	9,5	**23BK-3 13060**
	135	100	9,5	**23BK-3 130100**
140	145	100	9,5	**23BK-3 140100**
150	155	30	9,5	**23BK-3 15030**
	155	60	9,5	**23BK-3 15060**
	155	100	9,5	**23BK-3 150100**
160	165	100	9,5	**23BK-3 160100**
170	175	60	9,5	**23BK-3 17060**
180	185	60	9,5	**23BK-3 18060**
	185	100	9,5	**23BK-3 180100**
245	250	50	9,5	**23BK-3 24550**
	250	60	9,5	**23BK-3 24560**

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Bronze
2 Lubrication pockets

23BK090 bronze wrapped bushings are entirely made of bronze CuSn8.

They are fitted with diamond shaped lubrication indents on the bearing surface.

The indents serve as lubricant reservoirs to rapidly build up a lubricating film at the start of movement, allowing to reduce the running friction, resulting in an excellent and prolonged operation.

These bronze bearings have been developed for **high-load applications at lower speeds** and are especially suited for oscillating mouvements. They are perfect for polluted working conditions such as in the construction or agricultural industries.

Technical specification

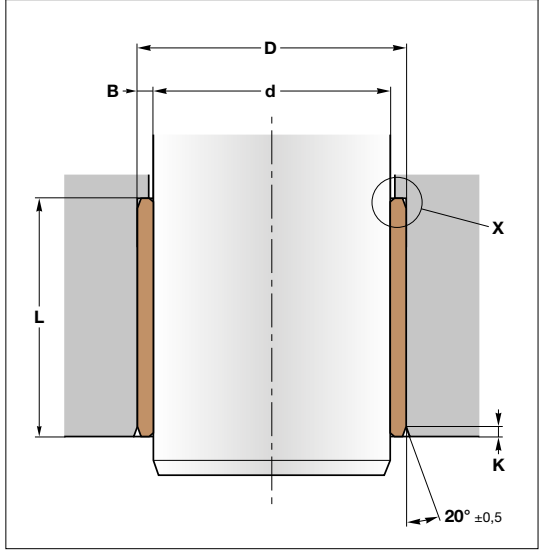
Temperature	- 100 to + 150°C
Friction coefficient	0,08 to 0,25
Maximum load	
Dynamic	40 N/mm²
Static	120 N/mm²
Maximum speed	
With grease	2 m/s
In hydrodynamic working	> 2 m/s
PV-factorwith	
Grease	2,8 N/mm². m/s
In hydrodynamic working	10 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 400

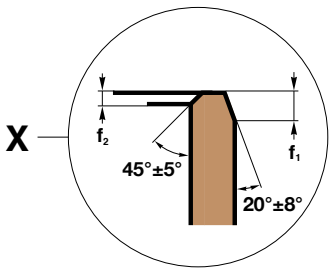
Advantages

- Maintenance-free applications
- Re-lubrication possible
- Suitable for contaminated environments
- Shock and vibration proof
- Good wear resistance
- Good corrosion resistance
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

23BK090





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances		
d	D	L
h7 - h8	H7	± 0,25

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

d	D	L	Reference
10	12	10	**23BK090 1010**
	12	15	**23BK090 1015**
12	14	10	**23BK090 1210**
	14	15	**23BK090 1215**
14	16	15	**23BK090 1415**
	16	20	**23BK090 1420**
	16	25	**23BK090 1425**
15	17	15	**23BK090 1515**
	17	20	**23BK090 1520**
	17	25	**23BK090 1525**
16	18	15	**23BK090 1615**
	18	20	**23BK090 1620**
	18	25	**23BK090 1625**
18	21	15	**23BK090 1815**
	21	20	**23BK090 1820**
	21	25	**23BK090 1825**
20	23	10	**23BK090 2010**
	23	15	**23BK090 2015**
	23	20	**23BK090 2020**
	23	25	**23BK090 2025**
	23	30	**23BK090 2030**
22	25	15	**23BK090 2215**
	25	20	**23BK090 2220**
	25	25	**23BK090 2225**
	25	30	**23BK090 2230**
25	28	15	**23BK090 2515**
	28	20	**23BK090 2520**
	28	25	**23BK090 2525**
	28	30	**23BK090 2530**
28	31	15	**23BK090 2815**
	31	20	**23BK090 2820**
	31	25	**23BK090 2825**
	31	30	**23BK090 2830**
	32	20	**23BK090 2820/1**
30	34	20	**23BK090 3020**
	34	25	**23BK090 3025**
	34	30	**23BK090 3030**
	34	40	**23BK090 3040**

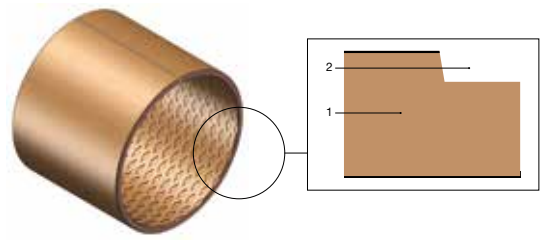
d	D	L	Reference
32	36	20	**23BK090 3220**
	36	30	**23BK090 3230**
	36	40	**23BK090 3240**
35	39	15	**23BK090 3515**
	39	20	**23BK090 3520**
	39	25	**23BK090 3525**
	39	30	**23BK090 3530**
	39	35	**23BK090 3535**
	39	40	**23BK090 3540**
	39	50	**23BK090 3550**
40	44	20	**23BK090 4020**
	44	25	**23BK090 4025**
	44	30	**23BK090 4030**
	44	40	**23BK090 4040**
	44	50	**23BK090 4050**
45	50	20	**23BK090 4520**
	50	25	**23BK090 4525**
	50	30	**23BK090 4530**
	50	40	**23BK090 4540**
	50	45	**23BK090 4545**
	50	50	**23BK090 4550**
	50	60	**23BK090 4560**
50	55	30	**23BK090 5030**
	55	40	**23BK090 5040**
	55	50	**23BK090 5050**
	55	60	**23BK090 5060**
55	60	20	**23BK090 5520**
	60	40	**23BK090 5540**
	60	50	**23BK090 5550**
	60	60	**23BK090 5560**


23BK090 F

On request


23BK090 SF

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Bronze
2 Lubrication pockets

23BK090 bronze wrapped bushings are entirely made of bronze CuSn8.

They are fitted with diamond shaped lubrication indents on the bearing surface.

The indents serve as lubricant reservoirs to rapidly build up a lubricating film at the start of movement, allowing to reduce the running friction, resulting in an excellent and prolonged operation.

These bronze bearings have been developed for **high-load applications at lower speeds** and are especially suited for oscillating mouvements. They are perfect for polluted working conditions such as in the construction or agricultural industries.

Technical specification

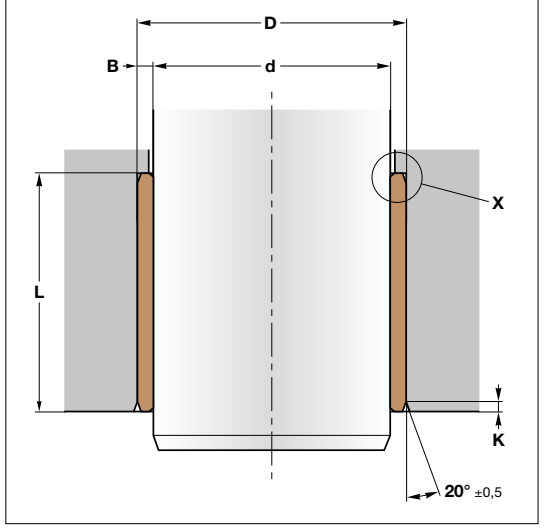
Temperature	- 100 to + 150°C
Friction coefficient	0,08 to 0,25
Maximum load	
Dynamic	40 N/mm²
Static	120 N/mm²
Maximum speed	
With grease	2 m/s
In hydrodynamic working	> 2 m/s
PV-factorwith	
Grease	2,8 N/mm². m/s
In hydrodynamic working	10 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 400

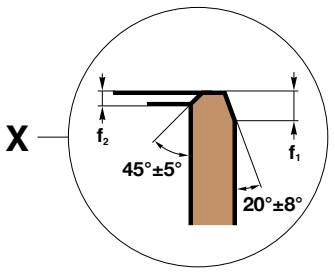
Advantages

- Maintenance-free applications
- Re-lubrication possible
- Suitable for contaminated environments
- Shock and vibration proof
- Good wear resistance
- Good corrosion resistance
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

23BK090





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances		
d	D	L
h7 - h8	H7	± 0,25

d	D	L	Reference
58	63	30	**23BK090 5830**
60	65	30	**23BK090 6030**
	65	35	**23BK090 6035**
	65	40	**23BK090 6040**
	65	45	**23BK090 6045**
	65	50	**23BK090 6050**
	65	60	**23BK090 6060**
65	70	40	**23BK090 6540**
	70	50	**23BK090 6550**
	70	60	**23BK090 6560**
	70	70	**23BK090 6570**
70	75	40	**23BK090 7040**
	75	50	**23BK090 7050**
	75	60	**23BK090 7060**
	75	70	**23BK090 7070**
	75	80	**23BK090 7080**
75	80	40	**23BK090 7540**
	80	60	**23BK090 7560**
	80	80	**23BK090 7580**
80	85	40	**23BK090 8040**
	85	50	**23BK090 8050**
	85	60	**23BK090 8060**
	85	80	**23BK090 8080**
85	90	40	**23BK090 8540**
	90	80	**23BK090 8580**
90	95	40	**23BK090 9040**
	95	50	**23BK090 9050**
	95	60	**23BK090 9060**
	95	80	**23BK090 9080**
	95	90	**23BK090 9090**
95	100	60	**23BK090 9560**

d	D	L	Reference
100	105	50	**23BK090 10050**
	105	60	**23BK090 10060**
	105	80	**23BK090 10080**
	105	95	**23BK090 10095**
110	115	60	**23BK090 11060**
120	125	25	**23BK090 12025**
	125	50	**23BK090 12050**
	125	100	**23BK090 120100**
130	135	60	**23BK090 13060**
	135	100	**23BK090 130100**
140	145	100	**23BK090 140100**
150	155	30	**23BK090 15030**
	155	60	**23BK090 15060**
	155	80	**23BK090 15080**
	155	100	**23BK090 150100**
160	165	100	**23BK090 160100**
170	175	60	**23BK090 17060**
180	185	60	**23BK090 18060**
	185	100	**23BK090 180100**
240	245	100	**23BK090 240100**

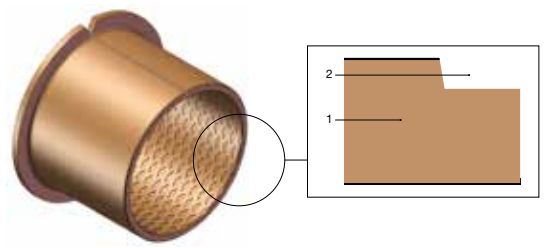
23BK090 F

On request

23BK090 SF

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Bronze
2 Lubrication pockets

23BK090...F bronze wrapped flanged bushings are entirely made of bronze CuSn8.

They are fitted with diamond shaped lubrication indents on the bearing surface.

The indents serve as lubricant reservoirs to rapidly build up a lubricating film at the start of movement, allowing to reduce the running friction, resulting in an excellent and prolonged operation.

These bronze bearings have been developed for **high-load applications at lower speeds** and are especially suited for oscillating mouvements. They are perfect for polluted working conditions such as in the construction or agricultural industries.

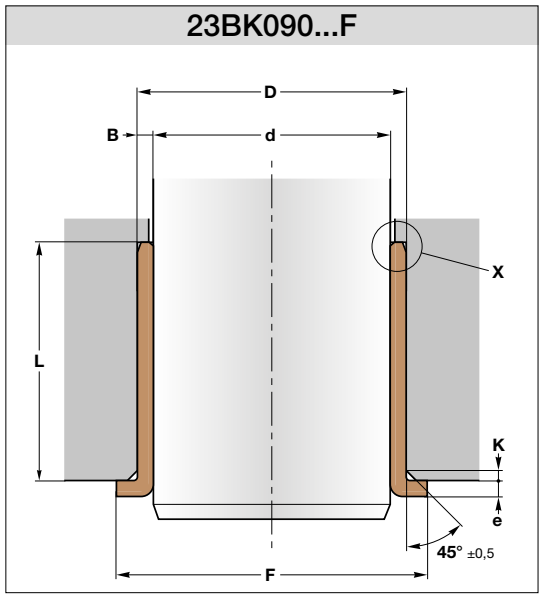
Technical specification

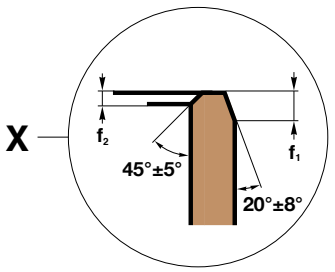
Temperature	- 100 to + 150°C
Friction coefficient	0,08 to 0,25
Maximum load	
Dynamic	40 N/mm²
Static	120 N/mm²
Maximum speed	
With grease	2 m/s
In hydrodynamic working	> 2 m/s
PV-factorwith	
Grease	2,8 N/mm². m/s
In hydrodynamic working	10 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 400

Advantages

- Maintenance-free applications
- Re-lubrication possible
- Suitable for contaminated environments
- Shock and vibration proof
- Good wear resistance
- Good corrosion resistance
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances

d	D	L	e	F
f7	H7	± 0,25	0/-0,2	± 0,5

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

SEALTECH
Hydraulic Seals Technology

d	D	L	e	F	Reference
30	34	30	2	45	**23BK090 3030F**
35	39	20	2	50	**23BK090 3520F**
	39	**35**	**2**	**50**	**23BK090 3535F**
40	44	40	2	55	**23BK090 4040F**
45	**50**	**30**	**2,5**	**60**	**23BK090 4530F**
	50	45	2,5	60	**23BK090 4545F**
50	55	30	2,5	65	**23BK090 5030F**
	55	**50**	**2,5**	**65**	**23BK090 5050F**
55	**60**	**30**	**2,5**	**70**	**23BK090 5530F**
	60	50	2,5	70	**23BK090 5550F**

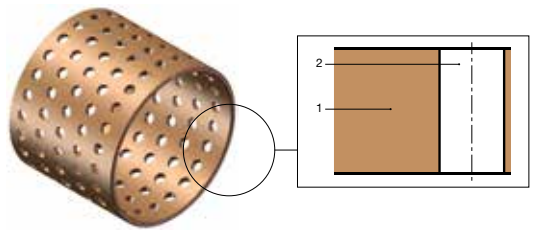
d	D	L	e	F	Reference
60	65	30	2,5	75	**23BK090 6030F**
65	70	30	2,5	80	**23BK090 6530F**
	70	60	2,5	80	**23BK090 6560F**
70	75	40	2,5	85	**23BK090 7040F**
	75	60	2,5	85	**23BK090 7060F**
	75	70	2,5	85	**23BK090 7070F**
80	85	40	2,5	100	**23BK090 8040F**
	85	80	2,5	100	**23BK090 8080F**
110	115	50	2,5	130	**23BK090 11050F**
120	**125**	**50**	**2,5**	**140**	**23BK090 12050F**
	75	70	2,5	85	**23BK090 7070F**


23BK090

On request


23BK090 SF

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 Bronze
2 Holes

23FT090 is deriving from 23BK090. The difference between the two is that the indentations are replaced by through holes.The difference between both is, that the indentions are substituted by through-holes. These holes allow a larger capacity to collect lubricant, which build up a lubrication film at the start of movement and reduce the friction.

It is suitable for high load, lower speed application like construction, Transport, and agriculture machinery.

These bronze bearings have been developed for **high-load applications at lower speeds**. They are perfect for polluted working conditions such as in the construction or agricultural industries.

Technical specification

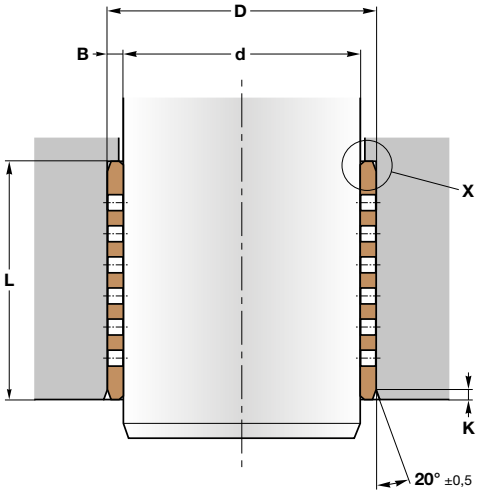
Temperature	- 100 to + 250°C
Friction coefficient	0,08 to 0,25
Maximum load	
Dynamic	40 N/mm²
Static	120 N/mm²
Maximum speed	
With grease	2 m/s
In hydrodynamic working	> 2 m/s
PV-factor	
With grease	2,8 N/mm². m/s
In hydrodynamic working	10 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 400

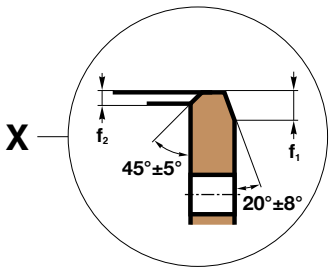
Advantages

- Maintenance-free applications
- Re-lubrication possible
- Suitable for contaminated environments
- Shock and vibration proof
- Good wear resistance
- Good corrosion resistance
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

23FT090





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f1	f2
1	0,6	0,3
1,5	0,6	0,4
2	1,2	0,4
2,5	1,8	0,6

Tolerances		
d	D	L
h8	H7	± 0,25

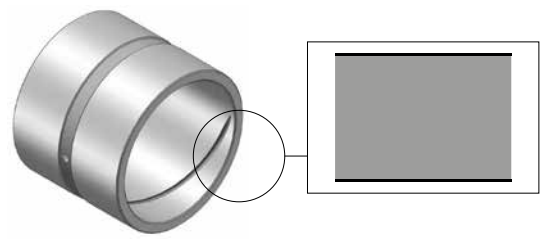
d	D	L	Reference
16	18	15	**23FT090 1615**
20	23	30	**23FT090 2030**
30	34	15	**23FT090 3015**
	34	20	**23FT090 3020**
	34	25	**23FT090 3025**
	34	30	**23FT090 3030**
	34	40	**23FT090 3040**
	34	50	**23FT090 3050**
40	44	25	**23FT090 4025**
	44	30	**23FT090 4030**
	44	40	**23FT090 4040**
	44	50	**23FT090 4050**
60	65	40	**23FT090 6040**
	65	50	**23FT090 6050**
	65	60	**23FT090 6060**
	65	70	**23FT090 6070**

On request

23FT090 F

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



Hardened steel

23HST is a line of steel bushings that undergo case-hardening and tempering treatment with casehardening depth of 0.8-1 mm and Hardness HRC 58-62.

The smoothness obtained by this treatement reduces the friction factor and consequently makes the bush more efficient.

The use of these bushes, after an initial greasing cycle, enables a lubrication interval of up to 550 h. max. (the interval varies based on the working conditions).

Each bush is traceable and identifiable thanks to the indelible marking on each piece, which identifies the lot.

Technical specification

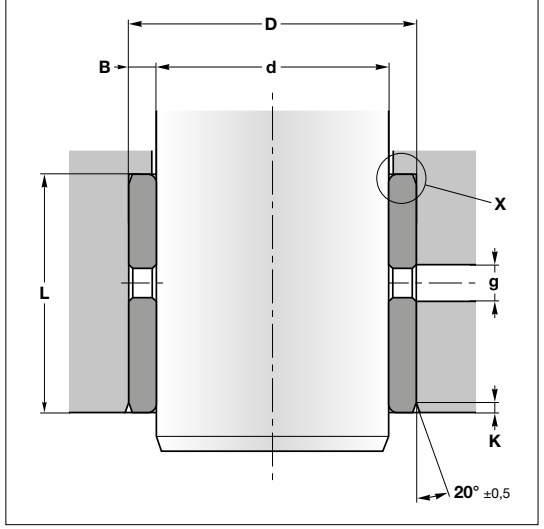
Temperature	- 195 to + 300°C
Friction coefficient	0,05 to 0,25
Maximum load	
Dynamic	150 N/mm²
Static	250 N/mm²
Maximum speed	
With grease	0,6 m/s
In hydrodynamic working	0,6 m/s
PV-factor	
With grease	1,2 N/mm². m/s
In hydrodynamic working	1,2 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 300

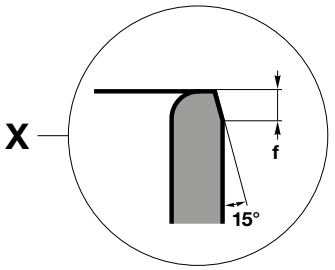
Advantages

- Large temperature range
- Re-lubrication possible
- Suitable for contaminated environments
- Shock and vibration proof
- Good wear resistance
- 100 % recyclable
- Low clearance during operation
- Limited dimensions

Please contact us for applications approaching maximum values.

23HST





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

B	f
< 39	2
40 < 49	2,5
> 50	3

Tolerances		
d	D	L
f7 / g8	H7	j13

d	D	L	g	Reference
20	30	20	4	**23HST 2030/20**
	30	25	4	**23HST 2030/25**
	30	30	4	**23HST 2030/30**
	30	40	4	**23HST 2030/40**
	30	50	4	**23HST 2030/50**
	30	60	4	**23HST 2030/60**
25	35	30	4	**23HST 2535/30**
	35	35	4	**23HST 2535/35**
	35	40	4	**23HST 2535/40**
	35	50	4	**23HST 2535/50**
	35	60	4	**23HST 2535/60**
	35	80	4	**23HST 2535/80**
30	40	30	4	**23HST 3040/30**
	40	40	4	**23HST 3040/40**
	40	50	4	**23HST 3040/50**
	40	60	4	**23HST 3040/60**
	40	80	4	**23HST 3040/80**
35	45	30	4	**23HST 3545/30**
	45	35	4	**23HST 3545/35**
	45	40	4	**23HST 3545/40**
	45	50	4	**23HST 3545/50**
	45	60	4	**23HST 3545/60**
	45	80	4	**23HST 3545/80**
40	50	30	4	**23HST 4050/30**
	50	40	4	**23HST 4050/40**
	50	50	4	**23HST 4050/50**
	50	60	4	**23HST 4050/60**
	50	80	4	**23HST 4050/80**
	50	100	4	**23HST 4050/100**
45	55	30	4	**23HST 4555/30**
	55	40	4	**23HST 4555/40**
	55	50	4	**23HST 4555/50**
	55	60	4	**23HST 4555/60**
	55	80	4	**23HST 4555/80**
	55	100	4	**23HST 4555/100**

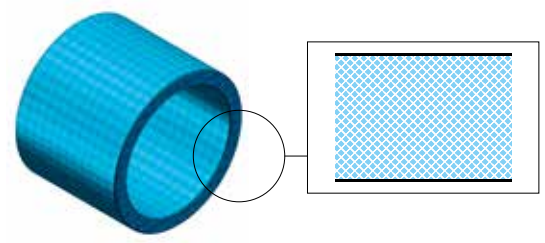
d	D	L	g	Reference
50	60	30	6	**23HST 5060/30**
	60	40	6	**23HST 5060/40**
	60	50	6	**23HST 5060/50**
	60	60	6	**23HST 5060/60**
	60	80	6	**23HST 5060/80**
	60	90	6	**23HST 5060/90**
	60	100	6	**23HST 5060/100**
55	65	40	6	**23HST 5565/40**
	65	50	6	**23HST 5565/50**
	65	60	6	**23HST 5565/60**
	65	80	6	**23HST 5565/80**
60	70	40	6	**23HST 6070/40**
	70	50	6	**23HST 6070/50**
	70	60	6	**23HST 6070/60**
	70	80	6	**23HST 6070/80**
	70	100	6	**23HST 6070/100**
70	80	40	6	**23HST 7080/40**
	80	50	6	**23HST 7080/50**
	80	60	6	**23HST 7080/60**
	80	70	6	**23HST 7080/70**
	80	80	6	**23HST 7080/80**
	80	100	6	**23HST 7080/100**
80	90	40	6	**23HST 8090/40**
	90	50	6	**23HST 8090/50**
	90	60	6	**23HST 8090/60**
	90	80	6	**23HST 8090/80**
	90	100	6	**23HST 8090/100**
90	100	40	6	**23HST 90100/40**
	100	50	6	**23HST 90100/50**
	100	60	6	**23HST 90100/60**
	100	80	6	**23HST 90100/80**
	100	100	6	**23HST 90100/100**

On request

23HST F

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

We produce slide bushings with an external diameter from 40 to 350 mm; a thickness from 2,5 mm to 25 mm and height up to 400 mm.



Polyester fabric
Polyester resin + PTFE

23BK500-15N are composite bearings consisting of synthetic fabrics impregnated with thermosetting resins, evenly dispersed solid lubricants and other additives.

23BK500-15N bushings offer significant advantages over traditional metal bearings. All are dimensionally stable, have excellent wear resistance and outstanding low-friction characteristics, giving them unrivalled performance in dry running conditions or with boundary lubrication.

With virtually no swell in seawater, they are ideal for marine and hydropower applications.

Technical specification

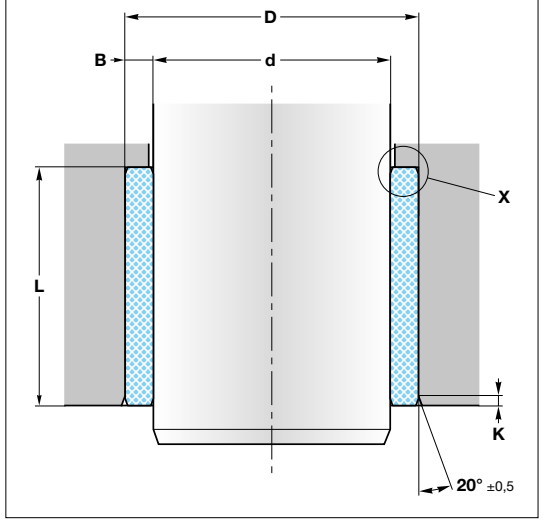
Temperature	- 200 to + 130°C
Friction coefficient	0,02 to 0,2
Maximum load	
Dynamic	70 N/mm²
Static	200 N/mm²
Maximum speed	
Dry	2 m/s
With grease	5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Dry	1 N/mm². m/s
With grease	2,5 N/mm². m/s
Shaft roughness	Ra < 0,8 µm
Shaft hardness	HB > 200

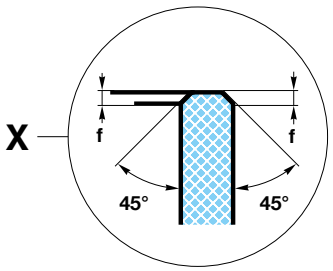
Advantages

- Maintenance-free operation
- Light weight
- Shock and vibration proof
- High loads
- Good friction characteristics
- Low clearance during operation
- Slight water absorption (< 0,1 %)
- Good corrosion resistance
- Good chemical resistance

Please contact us for applications approaching maximum values.

23BK500-15N





D	K
< 50	0,8 ±0,3
50 < 150	1,5 ±0,5
> 150	2,5 ±1

d	f
< 60	0,5
60 < 89,9	0,8
≥ 90	1

Tolerances		
d	D	L
f7 / g8	H7	j13

Dimensions and tolerances according to ISO 3547.
For prices and availability: **www.sealtech-business.be**

SEALTECH
Hydraulic Seals Technology

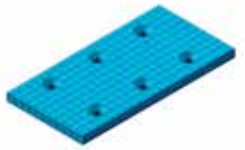
d	D	L	Reference
20	26	20	**23BK500-15N 2020**
	26	30	**23BK500-15N 2030**
25	31	30	**23BK500-15N 2530**
	31	40	**23BK500-15N 2540**
30	36	20	**23BK500-15N 3020**
	36	30	**23BK500-15N 3030**
	36	40	**23BK500-15N 3040**
35	41	30	**23BK500-15N 3530**
	41	40	**23BK500-15N 3540**
	41	50	**23BK500-15N 3550**
40	48	30	**23BK500-15N 4030**
	48	40	**23BK500-15N 4040**
	48	60	**23BK500-15N 4060**
45	53	30	**23BK500-15N 4530**
	53	40	**23BK500-15N 4540**
	53	60	**23BK500-15N 4560**
50	58	40	**23BK500-15N 5040**
	58	50	**23BK500-15N 5050**
	58	60	**23BK500-15N 5060**
55	63	40	**23BK500-15N 5540**
	63	50	**23BK500-15N 5550**
	63	70	**23BK500-15N 5570**
60	70	40	**23BK500-15N 6040**
	70	60	**23BK500-15N 6060**
	70	80	**23BK500-15N 6080**
65	75	50	**23BK500-15N 6550**
	75	60	**23BK500-15N 6560**
	75	80	**23BK500-15N 6580**
70	80	50	**23BK500-15N 7050**
	80	70	**23BK500-15N 7070**
	80	80	**23BK500-15N 7080**
	80	90	**23BK500-15N 7090**
75	85	50	**23BK500-15N 7550**
	85	70	**23BK500-15N 7570**
	85	90	**23BK500-15N 7590**
80	90	60	**23BK500-15N 8060**
	90	80	**23BK500-15N 8080**
	90	100	**23BK500-15N 80100**

d	D	L	Reference
85	95	60	**23BK500-15N 8560**
	95	80	**23BK500-15N 8580**
	95	100	**23BK500-15N 85100**
90	105	60	**23BK500-15N 9060**
	105	80	**23BK500-15N 9080**
	105	120	**23BK500-15N 90120**
95	110	60	**23BK500-15N 9560**
	110	100	**23BK500-15N 95100**
	110	120	**23BK500-15N 95120**
100	115	80	**23BK500-15N 10080**
	115	100	**23BK500-15N 100100**
	115	120	**23BK500-15N 100120**
110	125	80	**23BK500-15N 11080**
	125	100	**23BK500-15N 110100**
	125	120	**23BK500-15N 110120**
120	135	100	**23BK500-15N 120100**
	135	120	**23BK500-15N 120120**
	135	150	**23BK500-15N 120150**

On request

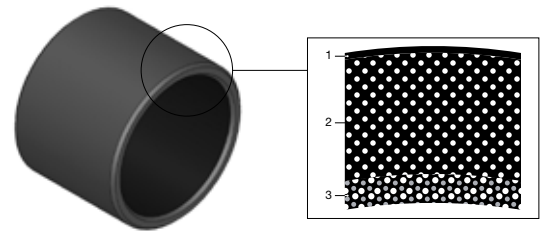
23BK500-15N SF

On request

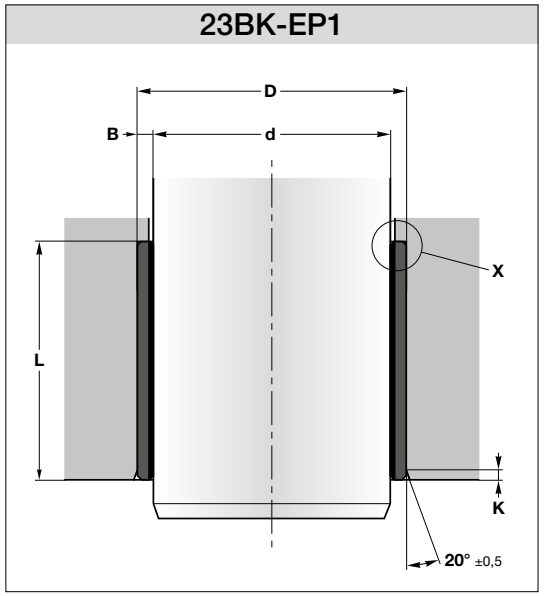


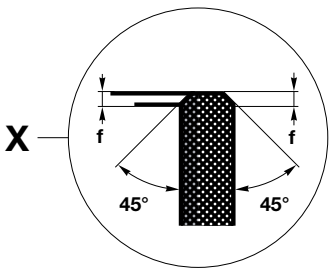
23BK500-15N P

We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



1 High temperature filled epoxy resin sliding layer
2 Continuous wound fiberglass in a high temperature epoxy resin
3 Continuous wound PTFE and high-strength fibers in an internally lubricated, high temperature filled epoxy resin





d	f
< 60	0,5
60 < 89,9	0,8
≥ 90	1

23BK-EP1 is a continuous wound PTFE and high-strength fibers encapsulated in an internally lubricated, high temperature filled epoxy resin sliding layer + continuous wound fiberglass encapsulated in a high temperature epoxy resin.

Technical specification

Temperature	- 100 to + 160°C
Friction coefficient	0,04 to 0,13
Water absorption	0,13%
Density	1,9 kg/cm³
Shore hardness (ISO 868)	95 Sh D
Linear coefficient of thermal expansion	13 x 10^{-6} K^{-1}
Maximum load	
Dynamic	120 N/mm²
Static	240 N/mm²
Maximum speed	
Dry	0,2 m/s
With grease	5 m/s
In hydrodynamic working	5 m/s
PV-factor	
Dry	1,05 N/mm². m/s
With grease	1,8 N/mm². m/s
Shaft roughness	Ra 0,15 to 0,4 µm
Shaft hardness	HB > 350

Advantages

Simple assembly
Resistant to shock loads
Maintenance free operation
Common to one piece compact design
High load capacity
Extended service life
Dry operation

Please contact us for applications approaching maximum values.

D	K	Tolerance K
< 50	0,8	0/+0,3
50 < 150	1,5	0/+0,5
> 150	2,5	0/+1

Tolerances of housing		
d	D	L
h7	H7	j13

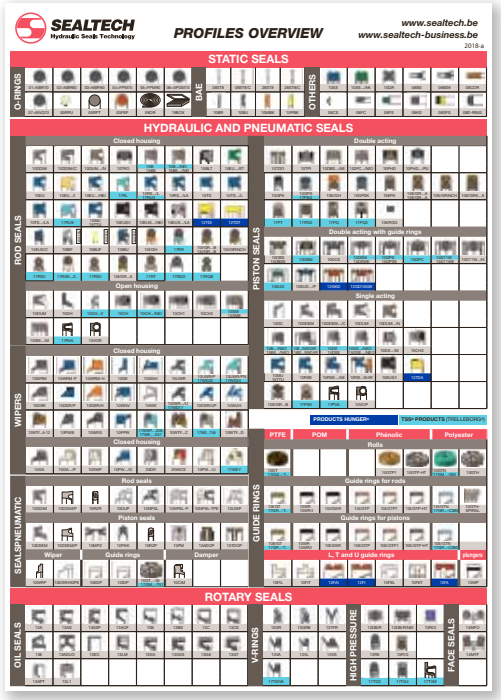
Bushing length tolerances		
< 75	75 < 150	≥ 150
-0,5 / 0	-1 / 0	-1,5 / 0

Dimensions and tolerances according to ISO 4379.
For prices and availability: **www.sealtech-business.be**

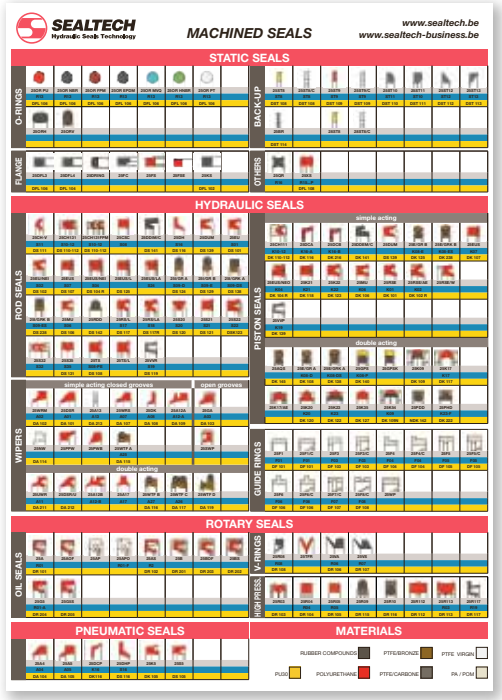
d	D	L	Reference
16	20	15	**23BK-EP1 1620/15**
	20	20	**23BK-EP1 1620/20**
20	24	15	**23BK-EP1 2024/15**
	24	20	**23BK-EP1 2024/20**
	24	25	**23BK-EP1 2024/25**
20	26	20	**23BK-EP1 2026/20**
	26	30	**23BK-EP1 2026/30**
22	26	20	**23BK-EP1 2226/20**
	26	25	**23BK-EP1 2226/25**
25	30	20	**23BK-EP1 2530/20**
	30	25	**23BK-EP1 2530/25**
	30	30	**23BK-EP1 2530/30**
28	34	22	**23BK-EP1 2834/22**
30	36	20	**23BK-EP1 3036/20**
	36	30	**23BK-EP1 3036/30**
	36	36	**23BK-EP1 3036/36**
	36	40	**23BK-EP1 3036/40**
	36	50	**23BK-EP1 3036/50**
35	41	30	**23BK-EP1 3541/30**
	41	35	**23BK-EP1 3541/35**
	41	40	**23BK-EP1 3541/40**
	41	50	**23BK-EP1 3541/50**
40	48	20	**23BK-EP1 4048/20**
	48	30	**23BK-EP1 4048/30**
	48	40	**23BK-EP1 4048/40**
	48	50	**23BK-EP1 4048/50**
45	53	30	**23BK-EP1 4553/30**
	53	40	**23BK-EP1 4553/40**
	53	45	**23BK-EP1 4553/45**
	53	50	**23BK-EP1 4553/50**
	53	60	**23BK-EP1 4553/60**
50	58	30	**23BK-EP1 5058/30**
	58	40	**23BK-EP1 5058/40**
	58	50	**23BK-EP1 5058/50**
	58	60	**23BK-EP1 5058/60**

d	D	L	Reference
55	63	30	**23BK-EP1 5563/30**
	63	40	**23BK-EP1 5563/40**
	63	60	**23BK-EP1 5563/60**
60	70	30	**23BK-EP1 6070/30**
	70	40	**23BK-EP1 6070/40**
	70	45	**23BK-EP1 6070/45**
	70	50	**23BK-EP1 6070/50**
	70	60	**23BK-EP1 6070/60**
65	75	50	**23BK-EP1 6575/50**
70	80	40	**23BK-EP1 7080/40**
	80	50	**23BK-EP1 7080/50**
	80	55	**23BK-EP1 7080/55**
	80	60	**23BK-EP1 7080/60**
	80	70	**23BK-EP1 7080/70**
	80	80	**23BK-EP1 7080/80**
	80	90	**23BK-EP1 7080/90**
75	85	50	**23BK-EP1 7585/50**
	85	60	**23BK-EP1 7585/60**
	85	70	**23BK-EP1 7585/70**
	85	80	**23BK-EP1 7585/80**
80	90	50	**23BK-EP1 8090/50**
	90	60	**23BK-EP1 8090/60**
	90	70	**23BK-EP1 8090/70**
	90	80	**23BK-EP1 8090/80**
85	95	60	**23BK-EP1 8595/60**
	95	80	**23BK-EP1 8595/80**
90	105	70	**23BK-EP1 90105/70**
	105	80	**23BK-EP1 90105/80**
100	115	80	**23BK-EP1 100115/80**
	115	100	**23BK-EP1 100115/100**
	115	120	**23BK-EP1 100115/120**
110	125	100	**23BK-EP1 110125/100**
	125	120	**23BK-EP1 110125/120**
120	135	100	**23BK-EP1 120135/100**
	135	120	**23BK-EP1 120135/120**

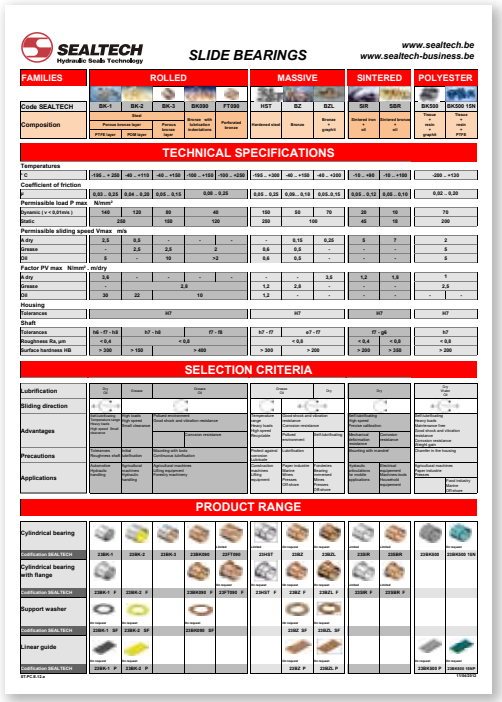
We produce bushings with an external diameter from 4,5 to 305 mm; a thickness from 0,5 mm to 3 mm and height up to 200 mm.



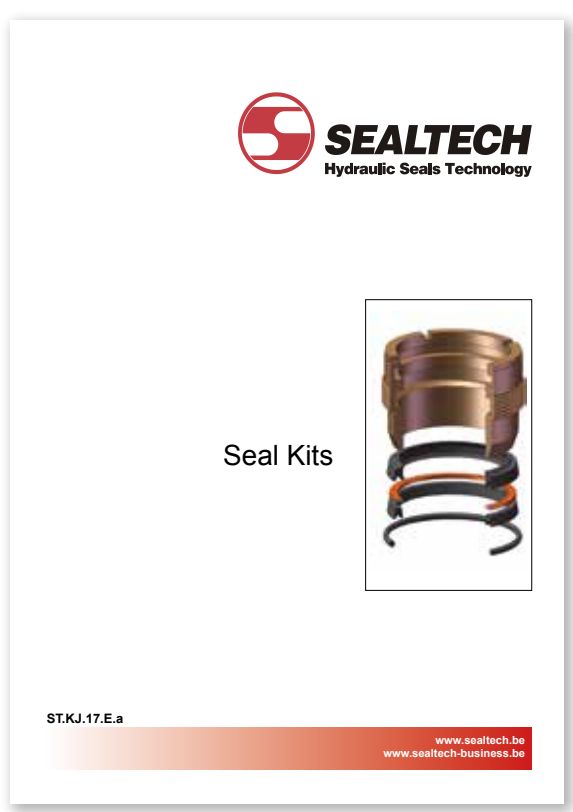
Reference 19POSTER.PO



Reference 19POSTER.MS



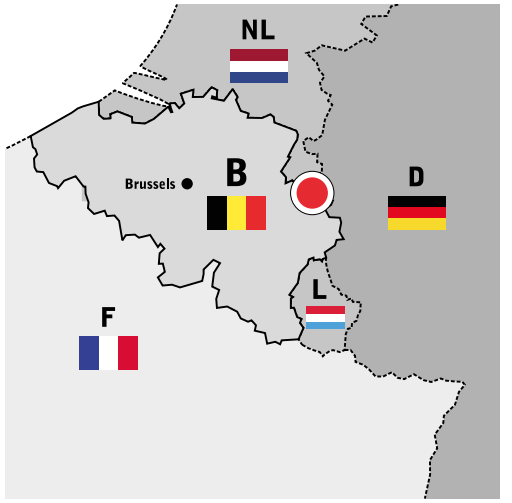
Reference 19POSTER.SB

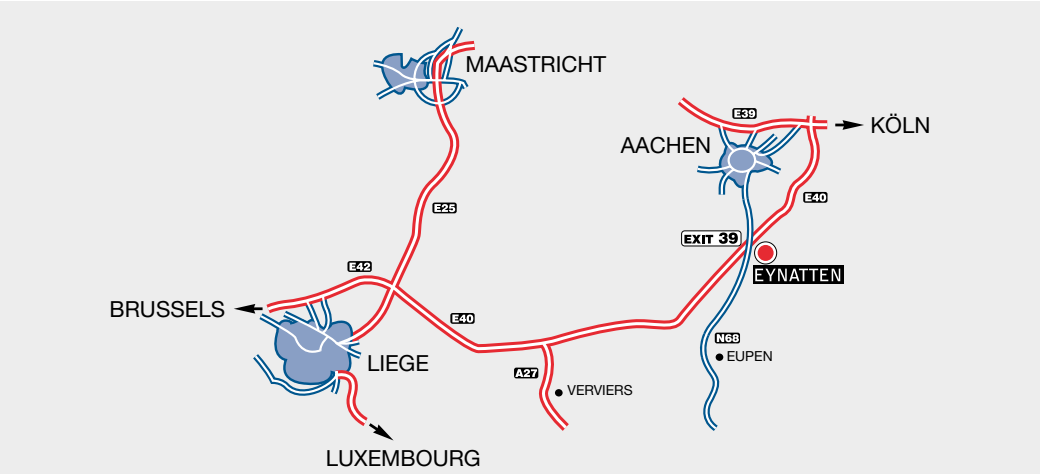


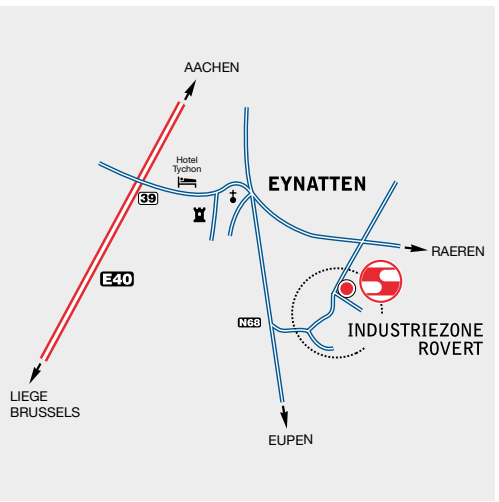
Reference 19CAT ST.KJ.18

Notes

SEALTECH
Hydraulic Seals Technology







All information mentioned in this catalogue is based on the knowledge obtained through a long experience in the manufacturing and application of seals. However, **unknown factors in the field of sealing can considerably change the conditions which may cause this information to be invalid.**

The **pressure, temperature** and **speed** values in this catalogue are maximum values **which can never be used simultaneously**. The maximum pressure allowed by the seal will depend on temperature, speed and **gap dimension e**.

We reserved the right to make design or information modifications **without preliminary announcement**.

The information from **previous editions become invalid** with the publication of this catalogue.

Every care has been taken to ensure the accuracy of the information contained in this catalogue, but **no liability can be accepted for any errors or omissions.**

However all valid recent and updated information **has to be consulted** on our websites. Items may become invalid and **new dimensions** are added daily. Our websites present all **up-to-date** info.

SEALTECH
Hydraulic Seals Technology

Industriezone Rovert
Hagbenden 39A B-4731 EYNATTEN
www.sealtech.be - www.sealtech-business.be
info@sealtech.be

DE : +32(**0**)**87 85 88 72**
NL/EN : +32(**0**)**87 85 88 71**
FR : +32(**0**)**87 85 88 70**

ST.SGB.23

Layout and print : Imprimerie G. Lelotte sprl

Photos : J. Breuer